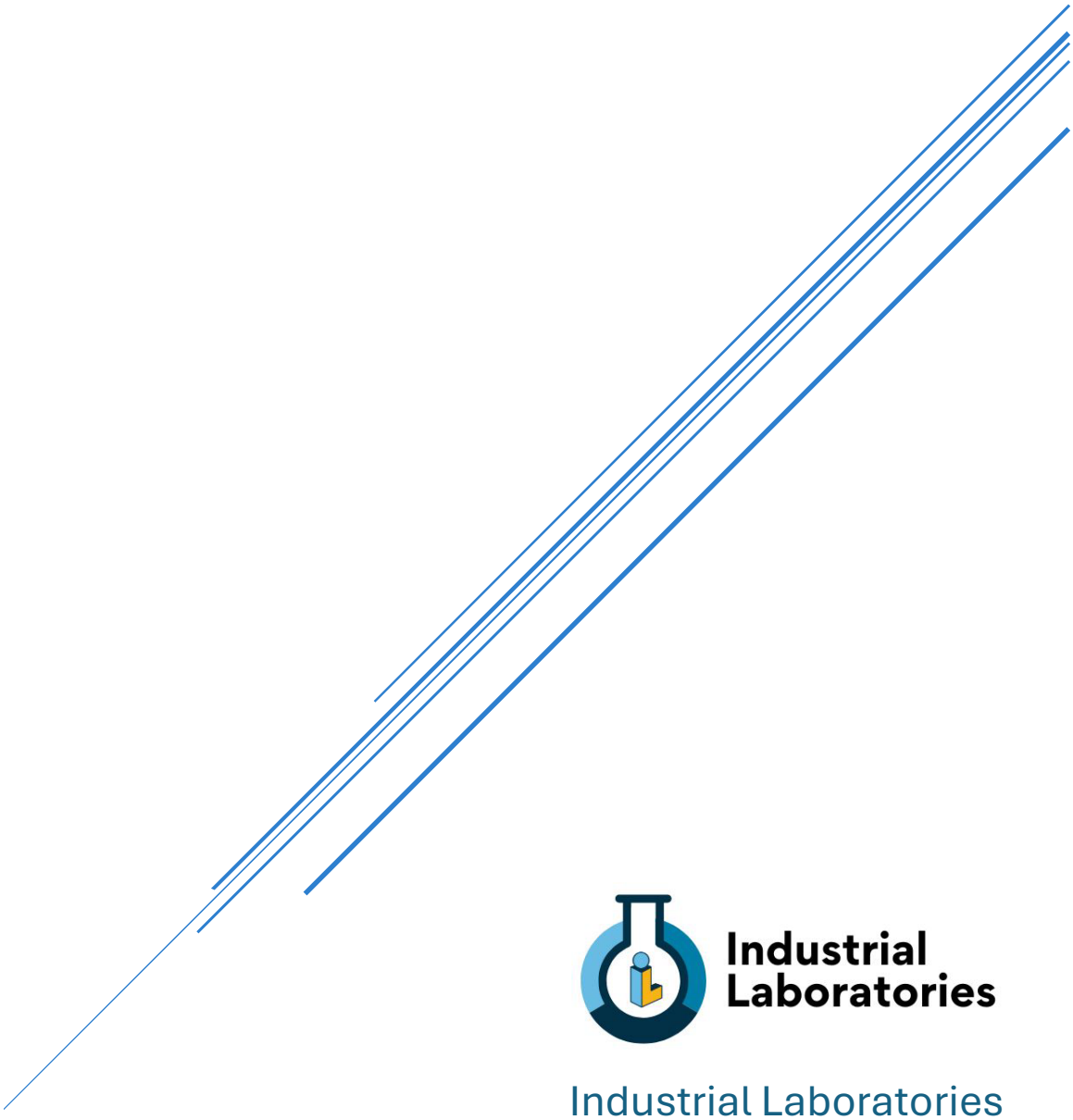
STATE OF NEBRASKA
RESPONSE TO SOLICITATION
120782 O5

Equine Urine and Blood Analysis



Industrial Laboratories

Industrial Laboratories

6116 E Warren Ave, Denver, CO 80222

CORPORATE OVERVIEW

Industrial Labs has been conducting analytical testing since 1948 and animal drug testing since 1953. We have worked with many diverse clients to provide drug testing services. In addition to the testing services that we provide to our contract clients, we also conduct testing for various private organizations. We are experienced in testing pigeon races, dog pulls, bucking bull competitions,

horse pulls, livestock fairs, chariot racing, and sled dog races. Additionally, we provide pre-purchase testing to enforce private sales agreements.

We take pride in outstanding customer service for every client regardless of size, by responding to specific and individual needs, as well as, providing guidance as needed, and by providing superior analytical testing that ensures compliance with the elected and enforced rules and legally defensible findings.

BIDDER IDENTIFICATION AND INFORMATION / OFFICE LOCATION

Company Information:

The Industrial Laboratories Company, Inc. (Industrial Laboratories)

6116 E Warren Ave

Denver, CO 80222

303-287-9691

www.industriallabs.net

The company's reception area and telephone lines are regularly staffed Monday through Friday, from 8:00 AM to 5:00 PM, MDT/MST.

For questions related to this quote, please contact:

Mr. Seth Wong, President: swong@industriallabs.net

720.214.2014

For questions related to goods and services to be provided, please contact:

Mrs. Petra Hartmann, Director, Drug Testing Services: phartmann@industriallabs.net

720.210.2020

Industrial Laboratories is a C-corporation incorporated in the State of Colorado and currently employs just over sixty employees. Industrial Laboratories only employs individuals permitted to work in the US, is an Equal Opportunity Employer and does not discriminate based on race, color, religion, national origin, ancestry, sex, sexual orientation, or handicap in any matter relating to employment. All employees sign a non-conflict of interest statement upon employment. The key point of contact for this contract is Petra Hartmann, Director, Drug Testing Services.

Our laboratory is accredited for veterinary drug testing to both the ISO17025-2017 quality standard through the American Association of Laboratory Accreditation (A2LA) and by the Racing Medication and Testing Consortium (RMTC).

Our proposal includes information on sample collection supplies, sample courier service from the racetrack to the laboratory, testing programs utilizing liquid chromatography-tandem mass spectrometry (LC-MS/MS) for both screening and confirmation, as well as sample handling & storage, facility, and reporting information.

FINANCIAL STATEMENTS

Industrial Laboratories is a private entity and thus its financial statements are not available to entities outside of its shareholders. The lab has been in business since 1945 and under its current group of shareholders since 1994. This 79-year history is testament to Industrial Lab's financial health and well-being. The company has weathered many economic downturns and changes within its business landscape. The company has the commitment of its shareholders to ensure that the company will continue its long-standing history and commitment to clients and the company's president is available to, potentially, discuss any other concerns the State may have.

CHANGE OF OWNERSHIP

Industrial Labs affirms that no change in ownership or control of the company is anticipated during the twelve (12) months following the solicitation response due date.

Should any unforeseen changes occur in the future, Industrial Labs will comply with all requirements to notify the State promptly and provide the necessary details.

INSURANCE REQUIREMENTS

Industrial Labs meet all of the insurance requirements and will submit the necessary forms upon contract award and prior to commencement of work, in the event that Industrial Laboratories were to win the RFP

RELATIONSHIPS WITH THE STATE

Industrial Laboratories has been providing equine drug testing analysis in blood and urine for the Nebraska State Racing Commission since 2020. The testing services were successfully transitioned to Industrial Laboratories in 2020, ensuring seamless continuity of operations. We value the opportunity to maintain our partnership with the State and remain committed to delivering reliable and accurate testing services.

In the last three years (2022-2024), Industrial Labs has detected 52 suspicious findings with 16 of those detections resulting in an Adverse Finding. Given the opportunity Industrial Labs will continue to work toward maintaining integrity in racing in the State of Nebraska.

EMPLOYEE RELATIONS TO STATE

Industrial Labs declares that no individuals named in our solicitation response are or were employees of the State within the past five (5) months. This statement confirms that no such relationships exist or have existed during the specified timeframe.

Additionally, Industrial Labs declares that no employees of any agency of the State of Nebraska are currently employed by or subcontracted to Industrial Labs as of the solicitation response submission due date. This statement confirms that no such relationships exist, and there are no potential conflicts of interest to disclose.

CONTRACT PERFORMANCE

Industrial Labs declares that it has not had any contracts terminated for default during the past ten (10) years. There have been no instances in which Industrial Labs received a notice to stop performance due to non-performance or poor performance, nor has the company been determined to be in default through litigation or otherwise.

Additionally, Industrial Labs has not experienced contract termination for convenience, non-performance, non-allocation of funds, or any other reason during the past ten (10) years.

This declaration reflects our commitment to fulfilling contractual obligations with the highest standards of quality and professionalism.

Should you require any additional details or supporting documentation, please feel free to contact us.

CORPORATE EXPERIENCE

The following is a list of clients that have contracted Industrial Laboratories' services for equine drug testing in the past 5 years. We also encourage you to contact our clients for any additional clarification, references, and testament to our successful drug testing program. Industrial Laboratories has not had a contract terminated before the end of the contract period due to performance issues, quality issues, or problems with our testimony or legal documents. All our clients are similar in the scope of services that we provide.

State of Arkansas – Arkansas Racing Commission (Currently Horse racing, previously also dog racing)

1515 West 7th Street, Suite 505
Litle Rock, AR
Dr. Joe Lokanc, Chief Veterinarian, Joseph.Lokanc@dfa.arkansas.gov
(630) 632-1601

Industrial Laboratories was an official testing laboratory for the State of Arkansas from 1971 to 1995 and has recently been selected as the primary laboratory again, beginning with the 2021 racing season.

State of Arizona – Department of Racing (Currently Horse racing, previously also dog racing)
1110 West Washington Street, Suite 260
Phoenix, AZ 85007
Dr. Susan Gale
(480)-266-9852, sgale@azgaming.gov

Industrial Laboratories has been an official testing laboratory for the State of Arizona since 1991.

State of Colorado – Division of Racing Events (Currently Horse racing, previously also dog racing) 1881 Pierce Street, Room 108
Lakewood, CO 80214
(303) 866-6597

Industrial Laboratories has continuously served as the official testing laboratory for the State of Colorado since 1953.

State of Delaware - Department of Agriculture (Harness racing)
Harness Racing Commission
2320 S. DuPont Hwy.
DuPont, DE 19901
(302) 698-4599
Ms. Lauren Saveikis, Chief Investigator, lauren.saveikis@delaware.gov

Industrial Laboratories has been an official testing laboratory for the State of Delaware (Standardbred) since 2021.

Horseracing Integrity and Safety Authority/Horseracing Integrity and Welfare Unit (HISA/HIWU)
4801 Main Street, Suite 350
Kansas City, MO 64112
(816) 285-1425

Industrial Laboratories has been working with HISA/HIWU since the inception of the organization in 2023.

State on Indiana
Indiana Horse Racing Commission
1302 N. Meridian, Suite 175
Indianapolis, IN 46202
(317) 233-3119
Ms. Deena Pitman, dpitman@ihrc.IN.gov

Industrial Laboratories has been the official testing laboratory for Indiana since 2016.

State of Iowa - Iowa Racing and Gaming Commission
(Currently Horse racing, previously also dog racing)
1300 Des Moines St., Suite 100
Des Moines, IA 50309-5508
Ms. Tina Eick, Director of Operations, tina.eick@iowa.gov
(515) 281-3451

Industrial Laboratories has been the official testing laboratory for Iowa since 2018.

Commonwealth of Kentucky
Kentucky Horse Racing and Gaming Corporation
4063 Iron Works Parkway, Building B
Lexington, KY 40511
Ms. Jamie Eads, Executive Director, Jamie.Eads@ky.gov
859-246-2040

Industrial Laboratories is the primary testing laboratory for Kentucky as of 2024. Industrial Laboratories was the primary testing laboratory for Kentucky from 2018 to 2021 as well.

State of Louisiana
Louisiana State Racing Commission
320 N Carrollton Ave, Suite 2-B
New Orleans, LA 70119
Stephen J Landry, Executive Director, slandry@lrc.state.la.us
(504) 483-4000

Industrial Laboratories was awarded the Louisiana contract in October 2023.

State of Maryland
Maryland Racing Commission
10th Floor
501 St. Paul Place
Baltimore, MD 21202
Mr. Mike Hopkins, Executive Director, mike.hopkins@maryland.gov
(410) 333-6267

Industrial Laboratories has been testing Maryland samples since 2021.

Commonwealth of Massachusetts
Massachusetts Gaming Commission (Horse and Harness racing)
101 Federal Street, 12th Floor
Boston, Massachusetts 02110
Dr. Alex Lightbown, Director, alexandra.lightbown@massgaming.gov
(617) 979-8436

Industrial Laboratories has been the official testing laboratory for Massachusetts since 2016.

State of Michigan
Michigan Gaming Commission (Horse and Harness Racing)
Cadillac Place
3062 West Grand Blvd.
Suite L-700
Detroit, MI 48202
Mrs. Heather Gaunt
(313) 456-4130

Industrial Laboratories was the official testing laboratory for Michigan since 2017 until their closure in 2024.

State of Minnesota
Minnesota Racing Commission (Horse and Harness racing)
P.O. Box 630
1100 Canterbury Road
Shakopee, MN 55379
Dr. Lynn Hovda, Chief Veterinarian, Lynn.hovda@state.mn.us
(612) 860-5806 (cell)

Industrial Laboratories has been the official testing laboratory for Minnesota since 2008.

State of New Jersey
New Jersey Racing Commission
CN-088
140 E. Front St.
Trenton, NJ 08625
Dr. Kathleen Picciano, Kathleen.Picciano@njoag.gov
(609) 292-0613

Industrial Laboratories has been the official testing laboratory for New Jersey since 2021.

State of New Mexico
New Mexico Racing Commission
4900 Alameda Blvd. NE
Albuquerque, NM 87113
Mr. Ismael (Izzy) Trejo, Executive Director, Ismael.Trejo@rc.nm.gov
Office: 505.222.0714

Industrial Laboratories has been the official testing laboratory for New Mexico since 2018

State of North Dakota
North Dakota Racing Commission (Horse racing)
500 N 9th Street
Bismarck, ND 58501-4509
Mr. Bruce Johnson, Executive Director, johnsonbruce@nd.gov
701-328-4290

Industrial Laboratories has been the official testing laboratory for North Dakota for over twenty years.

State of Oklahoma
Oklahoma Horse Racing Commission (Horse racing)
2401 NW 23rd Street, Suite 78
Oklahoma City, OK 73107
Dr. John Chancey, Executive Director, jchancey@ohrc.gov

(405) 943-6472

Industrial Laboratories has been the official testing laboratory for Oklahoma since 2006.

Commonwealth of Virginia
Virginia Racing Commission (Horse racing)
10700 Horsemens Road
New Kent, VA 23124
Ms. Ada Caruthers, Equine Medical Director, ada.caruthers@vrc.virginia.gov
(804) 966-7404

Industrial Laboratories has been the official testing laboratory for Virginia since 2018.

State of Washington
Washington Horse Racing Commission
6326 Martin Way, Suite 209
Olympia, WA 98516-5578
360-459-6462
Mrs. Amanda Benton, Executive Director
amanda.benton@whrc.wa.gov

Industrial Laboratories has been the official testing laboratory for Washington since 2021.

State of West Virginia
West Virginia Horse Racing Commission (Horse racing)
State Capital Complex
West Wing, Room 317
Charleston, WV 25305-3327
Mr. Joe Moore, Executive Director, joe.k.moore@wv.gov
(304) 558-2150

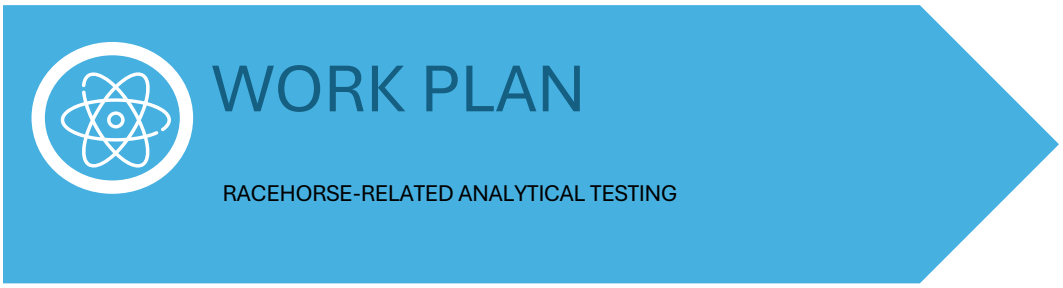
Industrial Laboratories has been the official testing laboratory for West Virginia since 2015

State of Wyoming
Wyoming Gaming Commission
Energy II Building
951 Werner Court, Suite 335
Casper, WY 82601
(307) 265-4015
Mr. Charles Moore, Executive Director, Charles.moore@wyo.gov

Industrial Laboratories has been the official testing laboratory for Wyoming since 2021.

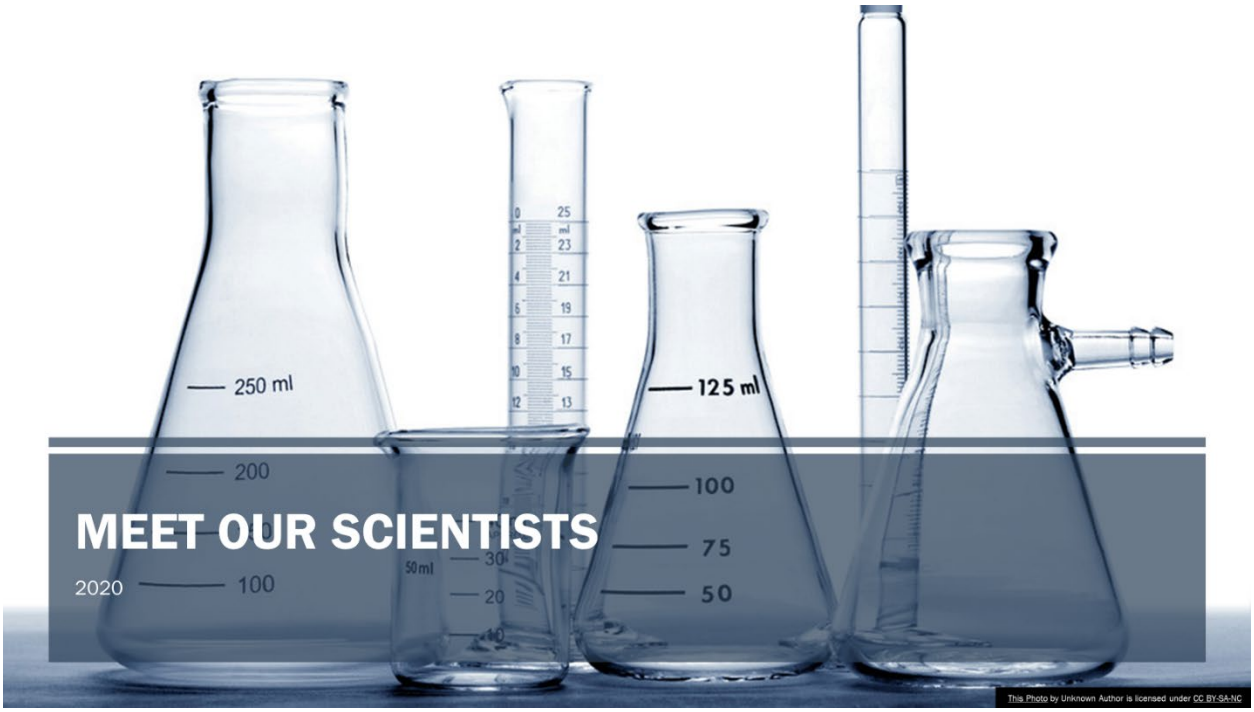
PERSONNEL AND MANAGEMENT APPROACH

WORK PLAN



Timeline	Description of Task and position that will Implement task
Prior to Racing Season	Supplies for collecting samples sent to Racetrack. Implemented by DTS Logistics Staff
Start of Race Days	Samples collected by Racetrack. Implemented by designated staff at test barn
Beginning of testing	Samples shipped to Industrial Laboratories. Implemented by FedEx
Next Business Day After Shipment	Samples registered in LIMS. Implemented by Sample Accessioners. Samples have Chain of Custody assigned to Secure Storage. TCO2 testing starts. Implemented by Racing Analysts. After testing, samples have Chain of Custody assigned to Secure Storage. Cobalt testing (if any) will be Aliquoted and sent to UK VDL for testing. Implemented by Sample Accessioners, FedEx, and UK VDL. Target Screen Analysis starts. Implemented by Racing Analysts. After testing, samples have Chain of Custody assigned to Secure Storage.
Coolers / Additional Supplies to Track	Cooler(s) that were sent to Industrial Laboratories are cleaned and sent back to racetrack for future race days to be sent to the lab. (Any supply requests from the racetrack will be sent as well) Implemented by DTS Logistics Staff.

Within 5 Business Days of Receipt	All initial testing is complete, results reviewed and reported. Implemented by Senior Staff. After testing, if negative, samples have Chain of Custody assigned to Secure Negative Storage.
Within 5 Business Days of Receipt	Any samples flagged as Suspect are pulled for confirmation testing. Implemented by Racing Chemist. Samples have a Chain of Custody assigned to Secure Suspect Storage.
Within 10 Business Days of Receipt	All confirmation testing done, results reviewed and reported. Implemented by Senior Staff. After testing, Positive samples have Chain of Custody assigned to Secure Positive Storage, and Negative samples have Chain of Custody assigned to Secure Negative Storage.
30 Days After Receipt	Sample assigned to Negative Storage can be disposed of. Implemented by Sample Accessioner
90 Days After Receipt	Samples assigned as Suspect, but confirmed No Violation can be disposed of. Implemented by Sample Accessioner
3-5 Years After Receipt	Samples confirmed as Positive, can now be disposed of. Implemented by Sample Accessioner



KEY PERSONNEL

Name	Title	Equine Drug Testing Experience	AORC Membership	Degree Level	Work duties related to contract
Management					
Petra Hartmann	Lab Director	37+ years	Fellow	M.Sc.	Management, Data Review, Testimony, Client Services, Reporting, Business & Technical Development
Timothy Krueger	Senior Chemist	20+ years	Professional	BS	Lab Operations, Data Review, R&D, Confirmation tests, Testimony
Dr. Karen L'Empereur	Senior Scientist	9+ years	Affiliate	Ph.D	R&D, Bisphosphonates
Michael Oviatt	Dept. Manager	8+ years	Professional	BS	Data Review, Confirmations, R&D, Bisphosphonates, TCO2
Andrea Jones	Lab Administrator / Manager	8+ years	Pending	BS	Receiving, Log-in, Supply & Sample Management, Invoicing, Reports, Screening Tests

Short biographies of our senior staff follow. Resumes are provided as a separate attachment. Provided are a portion of our staff's resumes. Due to the number of employees at Industrial Labs we have provided resumes for Key Personnel and a portion of the staff.

Attachment - Resumes

Petra Hartmann – Laboratory Director – Primary Client Contact

720.214.2020

phartmann@industriallabs.net

Petra is the Director of the Drug-Testing Services Laboratory. She has been involved with the technical aspects of equine and canine drug testing at Industrial Laboratories for over 36 years and has served in a management capacity for over 22 years. In her capacity as Laboratory Director, she is responsible for laboratory staffing, all aspects of testing, monitoring turn-around time compliance, data review, reporting, budgeting and business planning, as well as project management and client services. She additionally maintains responsibility for our quality control and quality assurance programs, including accreditation compliance. Her experience in laboratory operations has assisted IL in developing a systematic and detailed approach to drug testing, and in

monitoring the validity of all results and quality control data. She has a Bachelor of Arts degree in Chemistry and a Master of Science degree in Pharmaceutical Sciences with an emphasis on Drug Chemistry. Petra is a Fellow member of the Association of Official Racing Chemists (AORC) and serves on the Executive Board, as well as on the TCO2 Committee and the Reference Materials Management Committee. She is also active in the Racing Medication and Testing Consortium (RMTC) as co-chair of the Scientific Advisory Committee. Petra is a Certifying Scientist for the laboratory and is experienced in and available for expert witness testimony regarding all aspects of analysis.

Timothy Krueger – Senior Chemist – Screening and Confirmation

720.214.2032

tkrueger@industriallabs.net

Tim joined Industrial Laboratories in 2003 and is employed as a Senior Chemist. Tim performs quantitative and qualitative analysis using primarily LC-MS/MS and GC-MS test methods. Tim obtained his Bachelor of Science degree in Biology from Jamestown College in Jamestown, North Dakota in 2003. In his role at the laboratory, Tim actively supports the continuing development of the lab by researching and implementing new test methods, as well as troubleshooting any technical issues. He also functions as a reviewer and is available to provide client support. Tim is a professional member of the AORC.

Dr. Karen L'Empereur – Senior Scientist

Dr. L'Empereur serves as the Senior Scientist for the Drug Testing Services department. Karen obtained her Ph.D. in Analytical Chemistry in 1989 from Colorado State University in Fort Collins, Colorado. Dr. L'Empereur has a wealth of experience with state-of-the-art instrumentation procedures, such as LC-MS, LC-MS/MS, and GC-MS. Her previous experience includes drug analysis, natural products analysis, and she has extensive experience in method development and validation. In her previous professional experience, she has held positions of Quality Manager, Method Development Chemist, and Senior Research Chemist. At Industrial Laboratories she is responsible for our department internal QC program, the development of new drug detection methods, troubleshooting analytical problems, acting as a certifying scientist, and assisting in the development of our professional staff. Karen is an affiliate member of the AORC and has been with Industrial Laboratories since 2015.

Steve Cantrell – Instrumentation Specialist / Chemist

Steve joined Industrial Laboratories in 2015 as an Analytical Chemist. He has a Bachelor of Science degree in Forensic Chemistry with a minor in Chemistry from Pennsylvania State University. He has previous experience in drug testing as a validation and method development chemist and his primary

functions include LC-MS/MS management, data review and confirmatory analysis. Steve is an AORC professional member.

Michael Oviatt – Laboratory Manager

720.214.2036

moviatt@industriallabs.net

Michael assumed the role of Analytical Chemist upon joining our team in December 2016. Holding a bachelor's degree in chemistry from Metropolitan State University of Denver, he brings valuable expertise garnered from previous laboratory experience in human drug testing procedures. Michael's proficiency encompasses extraction, confirmation, equipment, and instrument maintenance, as well as data processing. As a professional member of the AORC, Michael takes on significant responsibilities in his capacity. His primary duties involve the management of confirmatory analysis, staff training, implementation of new methods, meticulous maintenance of method documentation, and ensuring strict compliance with accreditation and client requirements. His contributions play a pivotal role in upholding our laboratory's standards of excellence.

Andrea Jones – Laboratory Manager / Administrator

720.214.2033

ajones@industriallabs.net

Andrea became a valued member of our team in the third quarter of 2016, contributing to a diverse range of responsibilities spanning both laboratory operations and administrative functions. Holding a Bachelor of Science degree in Evolutionary Anthropology from the University of Michigan, she brings a wealth of experience in various laboratory procedures, including sample processing, chain of custody, and sample management.

In her current position at the laboratory, Andrea assumes a managerial role overseeing sample receiving, screening analyses, supply management, and actively contributes to sample reporting and invoicing processes. Her multifaceted skill set, and academic background make her a valuable asset to our team.

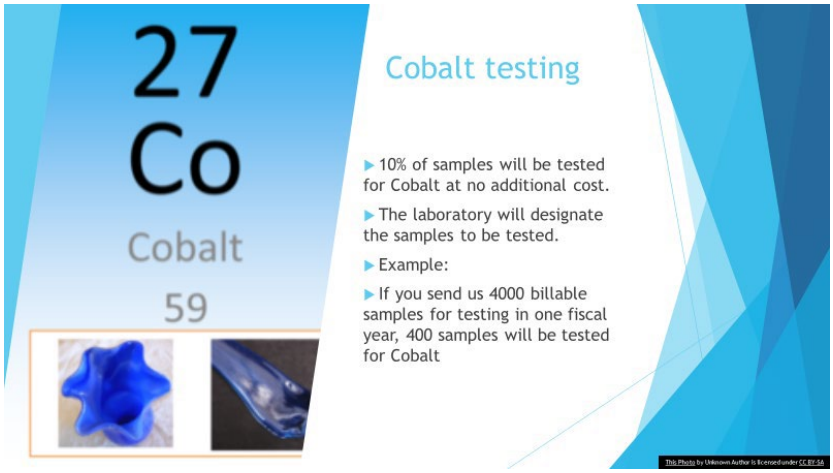
Chemists					
Stephen Cantrell	Racing Chemist / Instrument Tech	9+ years	Professional	BS	Data Review, Confirmations, R&D, Hair, Instrument maintenance
Lynsey Douglass	Racing Chemist / Instrument Tech	3+ years	Pending	BS	Confirmations, Data Review, Instrument maintenance
Lisa Hardy	Racing Chemist	3+ years	Pending	BS	Confirmations, Data Review (screening)
Michelle Samaras	Racing Chemist	3+ years	Pending	BS	Confirmations, Data Review
Logan Drill	Racing Chemist	2+ years	Pending	BS	Confirmations, Data Review (screening), Method Validation
Nicole Pike	Racing Chemist / Lead	2+ years	Pending	BA	Confirmations, Data Review (screening)
Melissa Mansour	Racing Chemist	1+ years	N/A	BS	Confirmations, Data Review (screening)
Sarah Nelson	Racing Chemist	< 1 year	N/A	BS	Confirmations
Nicolas Bertolt	Racing Chemist	< 1 year	N/A	BS	Confirmations
Megan Burke	Racing Chemist	1+ years	N/A	BS	Confirmations, Data Review (screening)
Annabelle Rivest	Racing Chemist	2+ years	N/A	BS	Confirmations, Data Review (screening)
Camden Bien	Racing Chemist	2+ years	N/A	BS	Confirmations, Data Review (screening)

Sample Receiving					
Abigail Fitches	Login Supervisor / Admin Asst.	2+ years	N/A	AA	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage, Reporting, Invoicing, **Client Services**
Olivia Huzell	Lab Liaison	< 1 year	N/A	BA	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage , **Client Services**
Rachel Benavidez	Sample Accessioner	< 1 year	N/A	BA	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage
Nadiya Tamachi	Sample Accessioner	< 1 year	N/A	HSD	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage
Amirah Tamachi	Sample Accessioner	< 1 year	N/A	HSD	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage
Sarah Sievers	Sample Accessioner	< 1 year	N/A	BA	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage
Michael Leonard	Sample Accessioner	< 1 year	N/A	BA	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage
Jacob Thomas	Sample Accessioner	< 1 year	N/A	BS	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage
Weston Paslay	Sample Accessioner	< 1 year	N/A	AA	Sample Handling, Sample Receiving, Sample Shipping, Sample Storage

Shipping / Logistics					
Ian Kassner	Shipping Specialist	6+ years	N/A	BS	Track Supplies, Sample Shipping
Gerald Sack	Shipping Specialist	< 1 year	N/A	HSD	Track Supplies, Sample Shipping
Jatin Babu	Shipping Specialist	< 1 year	N/A	AA	Track Supplies, Sample Shipping
Kelsey Holiday	Shipping Specialist	1+ years	N/A	HSD	Track Supplies, Sample Shipping

SUBCONTRACTORS

Industrial Labs utilized the University of Kentucky, Veterinary Diagnostic Laboratory for metals analysis, primarily Cobalt testing. To ensure compliance with the 2023 TOBA/AGS Testing Protocol, we are also testing 10% of your samples for Cobalt. This service is included in the proposed routine pricing.



This testing is best performed using Inductively Coupled Plasma Mass Spectrometry (ICP-MS), a technology mainly used in the environmental field for metals testing. Currently, the annual sample throughput for Cobalt is insufficient to justify purchasing a specialized piece of equipment, expenses greater than $200,000. To maintain a competitive market price, we thus propose to use the University of Kentucky Veterinary Diagnostic Laboratory (UK VDL) for Cobalt and random Arsenic testing using a validated ICP-MS procedure in place at their facility in Lexington. UK VDL has served as an official laboratory for cobalt testing for Industrial Labs. The laboratory has more than five (5) years of experience in the analysis of official pari-mutuel samples for Cobalt testing and is accredited to the standards of the American Association of Veterinary Laboratory Diagnosticians (AAVLD).

University of Kentucky Veterinary Diagnostic Laboratory

1490 Bull Lea Rd.

Lexington, KY 40511

Phone: (859) 257-8283 Fax: (859) 255-1624

https://vdl.uky.edu/testinformation?keywords=sequine

TECHNICAL PROPOSAL

SAMPLE COLLECTION/PROCESSING/SHIPMENT

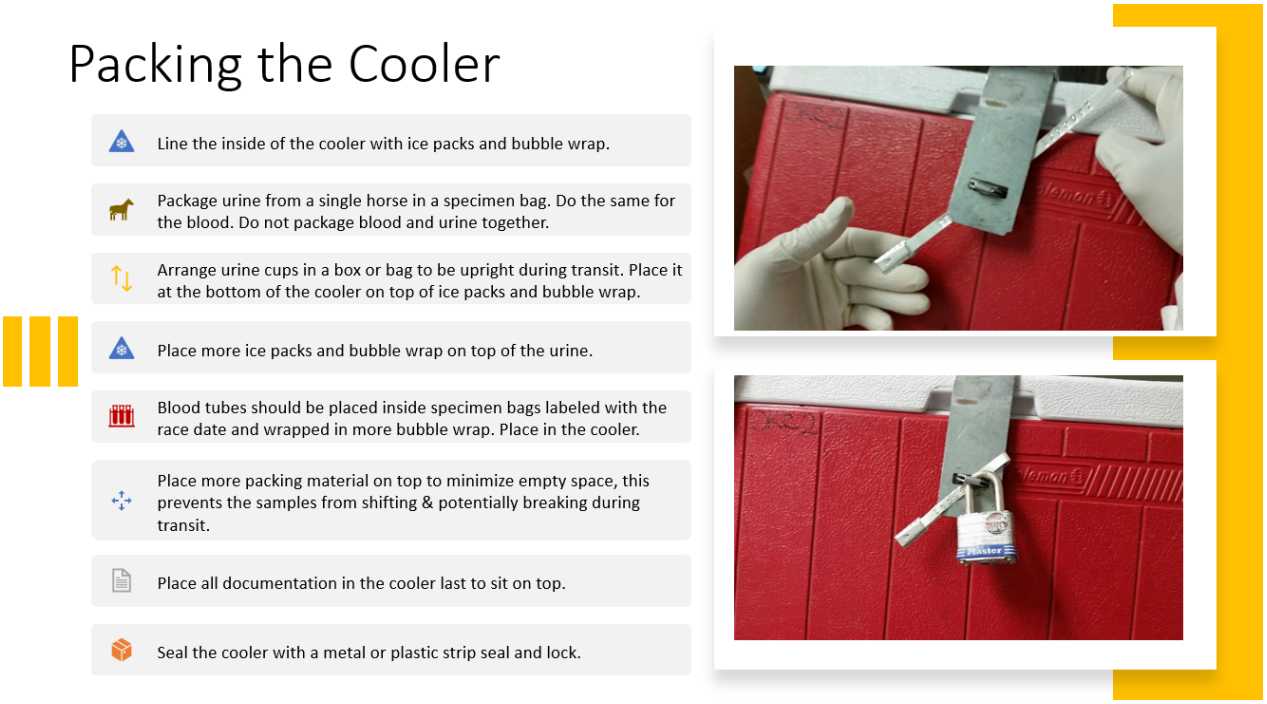
Industrial Laboratories will bear all costs associated with shipping supplies to the racetracks, the return shipment of empty coolers back to the track, and the expedited transportation of samples to the laboratory.

Based on your specific racing schedules, we propose to use either Federal Express priority overnight shipping services or Airspace for your samples.

There are several discernible differences between FedEx and Airspace shipping services. The FedEx process necessitates a test barn staff member to deliver the cooler to a nearby FedEx facility or wait fora driver during a longer pickup window, whereas Airspace facilitates the collection of the cooler directly from the test barn at a designated time, typically two hours following the last post time. Notably, Airspace operates on an on-demand basis, available round-the-clock, seven days a week, whereas FedEx provides priority overnight shipping exclusively from Monday to Friday. The added level of service that Airspace provides does result in an increased cost.

When the samples are ready for shipment, they are carefully placed in the provided cooler labeled with “exempt animal specimen” stickers and packed with sufficient

ice packs and padding to ensure sample integrity is maintained through the short transit from racetrack to lab. If requested, Industrial Laboratories will supply a comprehensive workflow on how to pack samples into the provided coolers to ship to the lab to ensure that samples are not damaged in transit.



Once the cooler has arrived at the lab, the cooler will be inspected for any tampering, this will be noted on a "Sample Check-in Form", and the samples will be removed from the cooler to be registered into our Laboratory Information Management System (LIMS).

COLLECTION SUPPLIES

Industrial Laboratories will provide the Commission and its staff with supplies and guidance to help produce quality samples for an accurate and efficient testing program. A superior testing program starts with a collection process that yields high quality test samples. Our supplies are carefully chosen to ensure legal defensibility and samples of the highest integrity.

DELIVERY AND SHIPPING OF SUPPLIES

All collection and shipping supplies will be maintained at the tracks and all supplies for the season will, pending availability, be sent in a single shipment prior to the beginning of the season, no later than 2 days prior to the start of racing. Generally, Industrial Laboratories employs a system of shipping in bulk directly from our vendors to the tracks, although we maintain emergency inventory

at the laboratory to prevent back-ordered supplies from impacting or interfering with sample collection. If the test barn staff needs additional supplies, they can call, e-mail, or insert a supply order form into the cooler with the samples to notify us of such a demand. When urgent requests are made the lab can provide rapid response from our in-house stock, although larger quantities will need to be ordered through our vendors.

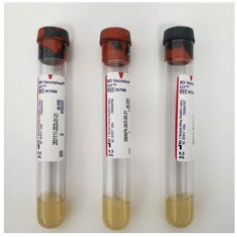
We can provide the test barns with the following collection supplies:

- Securable, insulated shipping containers of suitable size
- Ziplock bags, both gallon and quart-sized, for sample packaging to provide extra leak protection
- Metal strip seals (numbered)
- Locks (keyed)
- Urine collection poles
- Urine collection cups, 1 per sample, 120 mL capacity, sterile, with lids
- Urine specimen cups, 2 per sample, 30 mL or 60mL capacity, sterile, with leak-proof caps
- Serum separator tubes, 3 per sample, 8.5 mL capacity, Vacutainer brand
- Needles, multi-draw, 1 per sample, 20-gauge, 1 ½ inch length or 18-gauge, 1 ½ inch length
- Needle holders
- Sample ID tags, sequentially numbered, barcoded, with 8 removable stickers for use on specimen containers and paperwork, 1 per sample.
- Evidence tape strips, in bundles or rolls, in sufficient quantity to use approx. 4-6 inches per specimen container.
- Sample Submission forms to chain of custody documentation.

Below are example photos and descriptions of collection supplies:

Shipping Supplies

- Coolers – varying sizes
- Uniquely numbered strip seals
- Pre-printed FedEx air bills
- Bubble wrap
- Ice packs
- Specimen bags / Transport bags



Blood Collection Supplies

- 8.5mL BD Vacutainer serum separator tubes
- Multi-draw needles 18G or 20G & 1” or 1.5”
- Needle holders
- Evidence tape
- Ziploc bags

Urine Collection Supplies

- Collection poles to fit the 120mL container
- 120mL Collection container
- 60mL Specimen container for A Sample
- 60mL Specimen container for B Sample

All of our supplies provide the necessary design to meet Industrial Laboratories' Minimum Sample Volume Requirements outlined below.

Industrial Laboratories

URINE - Minimum Sample Volume			
Type of Testing	**Primary Collection**	**Lab Specimen (A Sample)**	**Split Specimen (B Sample)**
Screening + Confirmation	50mL	25mL preferred (10mL min)	25mL preferred (10mL min)

Blood - Minimum Number of Tubes to Collect			
Type of Testing	**Total # of Tubes**	**Lab Specimen (A Sample)**	**Split Specimen (B Sample)**
Routine Post-race	3	2	1
Out of Competition	3	2	1
Workouts / Vets List	3	2	1
Claims	3	2	1
Injury / Euthanasia	3	2	1
TCO2	1	1	NA
Research	2	2	NA

TRAINING

If desired, Industrial Laboratories can provide familiarization of Industrial Labs' supplies, shipping, and answer questions in person with test barn staff. To properly facilitate this process, the lab is willing to send two staff members to visit, meet with collection staff, review processes and answers questions related to specific supplies as well as review the shipping process and ensure all questions are answered.

If an in-person meeting with test barn is not of interest or possible, Industrial Labs is glad to provide written guidelines for sample collection and shipping that can be referenced by test barn staff, if this fits within your documentation scheme.

PERSONNEL

KEY CONTACTS

Upon contract award, we will provide you with contact information for key personnel for use during non-laboratory hours.

Petra Hartmann (primary), 720.214.2020, phartmann@industriallabs.net

Tim Krueger, 720.214.2032, tkrueger@industriallabs.net

Michael Oviatt, 720.214.2036, moviatt@industriallabs.net

Andrea Jones, 720.214.2033, ajones@industriallabs.net

AORC MEMBERSHIP

Our drug testing team (6) has active members of the AORC. We assure you that at least one senior staff member will retain professional membership for the duration of the contractual agreement.

The **Professional AORC members** of our team are:

1. Petra Hartmann
2. Tim Krueger
3. Steve Cantrell
4. Michael Oviatt

The **Affiliate AORC members** of our team are:

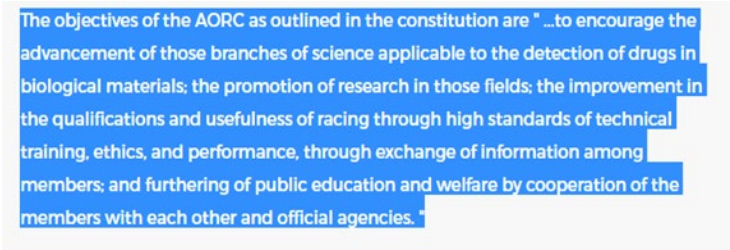
1. Dr. Karen L'Empereur

2. Seth Wong

Pending AORC membership applications**:**

1. Andrea Jones
2. Bridget Robinson
3. Lynsey Douglass
4. Lisa Hardy
5. Logan Drill
6. Michelle Samaras
7. Nicole Pike

The AORC is an international group of racing chemists that work exclusively in the field of pari-mutuel drug testing and collaborate to further the science of testing performance animals. The group was formed in Chicago, Illinois in 1947 and today has active members in more than twenty-six countries across the globe. The objectives of the organization are shown on the AORC website as:


The objectives of the AORC as outlined in the constitution are " ...to encourage the advancement of those branches of science applicable to the detection of drugs in biological materials; the promotion of research in those fields; the improvement in the qualifications and usefulness of racing through high standards of technical training, ethics, and performance, through exchange of information among members; and furthering of public education and welfare by cooperation of the members with each other and official agencies. "

Petra Hartmann recently became a **fellow-level member** of the organization. Our **professional** AORC members include **Tim Krueger, Steve Cantrell**, and **Michael Oviatt.** Dr. L'Empereur is an affiliate member.

According to the AORC Constitution and Bylaws, the membership classifications are defined as follows,

Affiliate membership:

Section 3
The membership committee may nominate for affiliate membership only an applicant who is actively engaged as a scientist or technologist in an approved racing laboratory or is otherwise officially commissioned or retained as an expert in racing chemistry by a regulatory body.

Affiliate members shall have the privileges of professional members, except that they may not vote on Association business, make nominations, hold certain positions, or be reinstated as other members.

Professional membership:

Section 1

A. The membership committee may nominate for professional membership only an applicant who is a racing chemist. When assessing applicants for professional membership, the following must be considered: laboratory facilities; experience in the science and practice of racing chemistry; scientific degrees from recognised tertiary institutions which have relevance to and support the science of racing chemistry as judged by the membership and professional standards committee and approved by the executive board; postgraduate qualifications and experience; publications; membership in scientific societies; professional and ethical reputations.

An applicant for professional membership must analyze a set of urine samples containing reasonable amounts of drugs. The applicant must request these samples within three months after the membership application has been accepted. Otherwise, a new membership application must be submitted.

Fellow membership:

Section 2

The membership committee may nominate for advancement to fellowship only an applicant who has been a professional member for at least three years and who has maintained professional standards of competence and conduct.

An applicant must offer evidence of one of these:
Significant contribution to the science of racing chemistry which usually shall be three or more research papers of which the applicant is senior author, provided they are of acceptable standard to the committee
Or
Senior responsibility for three or more years in the practice of racing chemistry.
Or
Exceptional contribution to other objects of the Association.

An applicant must supply the names of three references who are fellows.

Petra Hartmann served as the President of the AORC Americas Section which encompasses members in the US, Canada, and South America for a two-year term which concluded in April 2018. Petra also served on the national Executive Board of the AORC as a Non-Ex Officio member and participated in two Committees: Reference Standard Best Practices and TCO2 testing methodologies.

We attend US-based conferences, as well as the bi-annual international meeting, to remain informed about drug findings and new methods in place at racing laboratories across the world.

FACILITIES

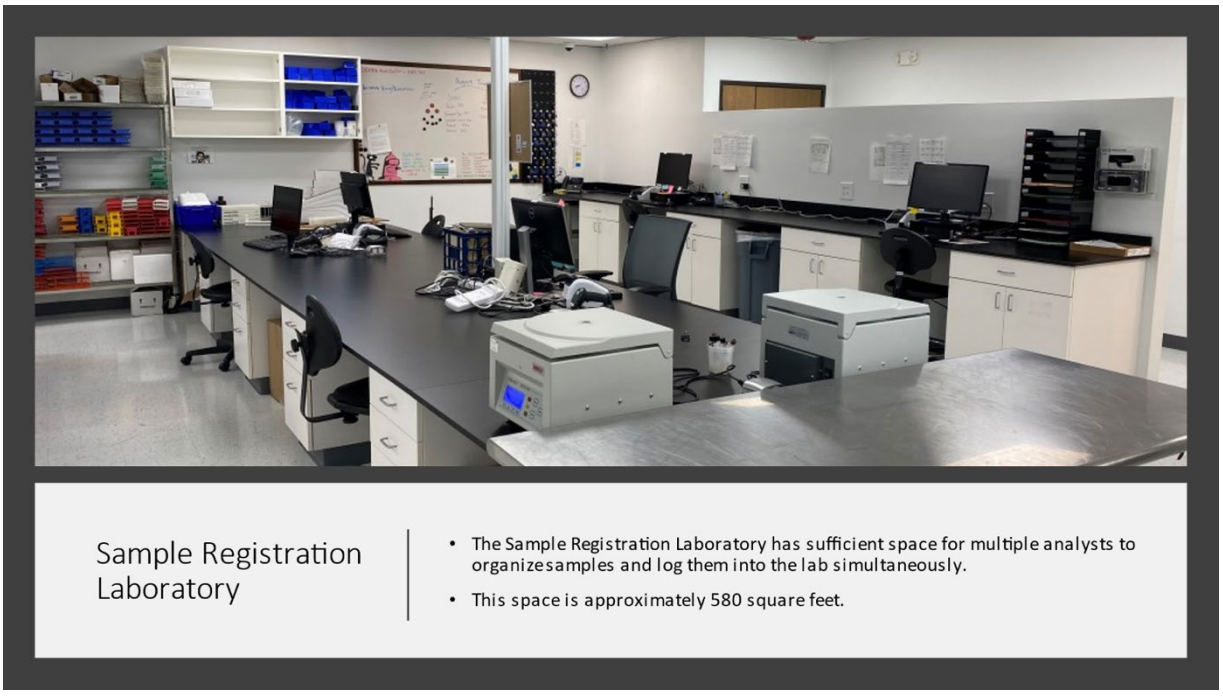
Industrial Laboratories has been in business since 1945 and has more than seventy years of experience in animal drug testing. Throughout our extensive career, we have worked with many diverse clients to provide drug testing services. Currently, our clients range from very small organizations that send 5 samples once per year, to large racing jurisdictions that send several thousand blood and urine samples over the course of the year.

Industrial Laboratories occupies a 30,000 square-feet facility. We moved into our current facility in late 2021. There are 42 full-time employees in the Drug Testing Services Department.

Access to the Industrial Laboratories and the various laboratories is controlled by electronic key fob. Each employee is given a personalized access fob that allows them entrance to the building and applicable labs. The access fob is controlled by computer software that monitors employees' entrances and exits. Fob permissions can be changed by the system administrator at any time to prevent access.

Industrial Laboratories Drug Testing Services' samples are controlled and secured within a locked walk-in refrigeration unit. Only DTS staff have access to these samples. Additionally, security cameras monitor the drug sample storage facility. Positive samples are kept in locked freezers in a separately secured DTS zone. Security cameras also monitor the remainder of Industrial Laboratories' facilities. When the building is not occupied, the Industrial Laboratories' facility is monitored by an alarm company. If the alarm is triggered, police are dispatched to the laboratory and the on-call staff member is notified.

Samples are secured by restricting access and employing locked storage facilities (both refrigerated short-term storage and frozen long-term storage). Any time a sample is accessed for testing by an approved IL employee, it is noted in the Laboratory Information Management System (LIMS). Positive samples are additionally secured with sealed evidence bags for long-term frozen storage.



Sample Preparation Laboratory

- The new Drug Testing Laboratory has a separate lab dedicated to preparing samples for screening analyses.
- Sample Registration and Extraction occur in other labs within the facility.
- The Sample Preparation Lab is approximately 725 square feet.

Sample Extraction Laboratory

- The Sample Extraction Laboratory is now separated from the sample preparation lab.
- The lab holds six fume hoods, allowing the DTS staff to easily perform several different extractions simultaneously.
- The lab space is about 468 square feet.

Hair Testing Laboratory

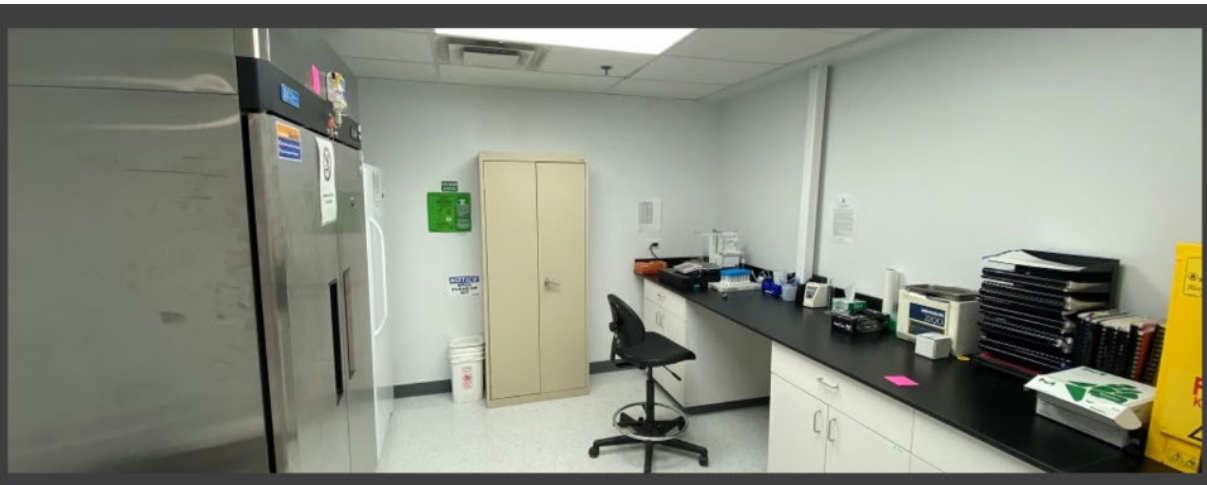
- The Hair Testing Laboratory is strictly dedicated to the Drug Testing Services Department.
- The lab is designed to accommodate multiple analysts and work flows simultaneously.
- This space is approximately 616 square feet.

TCO2 Laboratory

- Industrial Laboratories now has a solely dedicated Total Carbon Dioxide (TCO2) Testing Laboratory.
- The lab accommodates sample preparation and the necessary instruments for TCO2 analysis.
- The TCO2 lab is approximately 342 square feet.

Confirmation Preparation Laboratory

- Industrial Laboratories' new testing facility has a separate Confirmation Preparation Laboratory.
- The lab is approximately 476 square feet and dedicated solely to confirmation analysis
- Standard preparation is conducted in a separate standard prep room.



Standard Preparation Laboratory

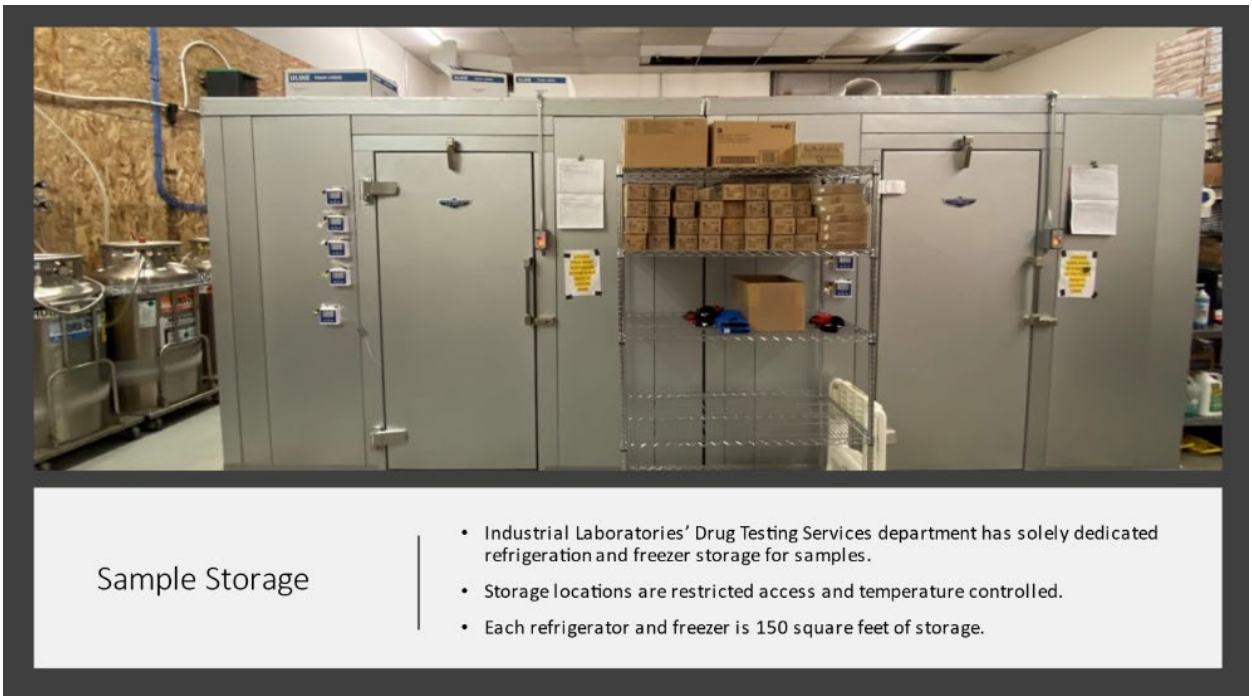
- Standards are prepared from certified reference material in a separate and secured lab within the facility.
- Only standards are prepared in the standard prep room.
- The Standard Prep Lab is approximately 144 square feet.

Research and Development Laboratory

- A separate stand-alone Research and Development Lab within the new Industrial Laboratories' facility.

LCMS Instrument Laboratory

- Industrial Laboratories now has one lab dedicated for all LCMS instruments.
- The LCMS Instrument Laboratory is approximately 1,650 square feet.
- The lab currently accommodates seven (7) 4500 QTRAP LCMS and one (1) X500R HRMS LCMS.



Industrial Laboratories utilizes several different methods to ensure that its' data and instrumentation are backed up regularly and securely. Industrial Labs backs up all data through the CrashPlan Pro backup system, a cloud-based backup system. This ensures that whenever a change is made to a file, that file is then remotely saved with the amended change. Additionally, IL backs up data on a regular basis through a tangible hard drive that is removed from the premises to ensure the previous weeks' data is stored in a safe facility separate from our laboratory in the event of a catastrophic incident. Furthermore, Industrial Laboratories backs up all data to an additional external hard drive on a quarterly basis. Industrial Laboratories methods, sequences, and data generated are all backed up per this procedure and thus can provide immediate support and minimize service interruption in the event of a catastrophic failure. The company is secured through a 24-hour alarm system that notifies senior management in the event of catastrophic failure. Our critical equipment is available in duplicate, to provide back-up, and we maintain agreements with various vendors for emergency repair.

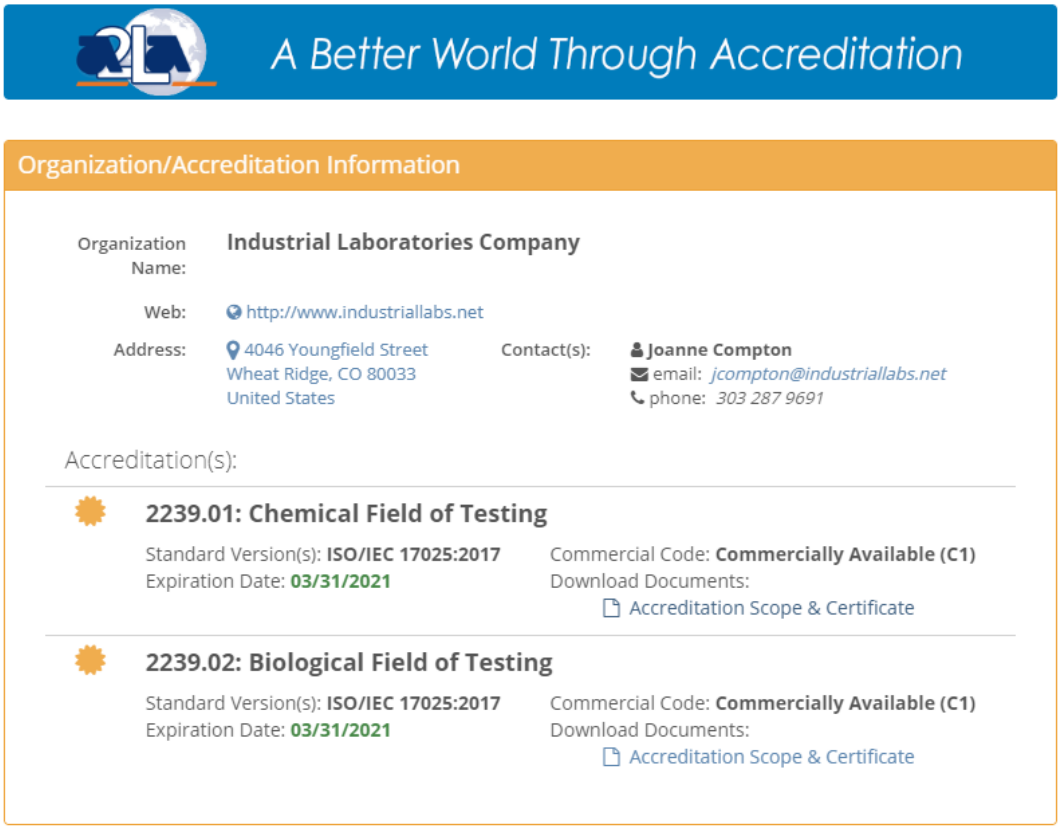
ACCREDITATION

Industrial Labs has been a supporter of laboratory accreditation dating back to the 1990's, when we were among the first racing laboratories to seek accreditation to the International Standards Organization (ISO) standards in 1995. Accreditation assures our clients of the existence of a strong management system that is dedicated to the accuracy and quality of our testing through the implementation of documented and controlled processes, the existence of well-trained staff, the use of suitable technical methods, and the existence of internal and external proficiency programs.

We are accredited by both the American Association for Laboratory Accreditation (A2LA) and the Racing Medication and Testing Consortium (RMTC).

ISO/IEC 17025 (A2LA)

Industrial Laboratories is accredited to ISO/IEC 17025 by the American Association of Laboratory Accreditation, the premier third-party nonprofit accrediting body. The following is a list of all our certificates for accreditation and the relevant Chemistry scope which is the accreditation for our Drug Testing Services Department. Our next audit is scheduled for February 2025 which will cover both ISO/IEC 17025 standards and RMTC/HEAL requirements. Upon completion of the audit, we will provide the NGRC with a list of any identified deficiencies along with a summary of our corrective actions to address them.



Accredited Laboratory

A2LA has accredited

INDUSTRIAL LABORATORIES COMPANY

Denver, CO

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA *R203 – Competition Animal Drug Testing Laboratory Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 26th day of May 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2239.01
Valid to March 31, 2025

For the types of tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.

RMTC ACCREDITATION

This certificate is Industrial Laboratories' accreditation to the Racing Medication Testing Consortium (RMTC)

RMTC
Racing Medication & Testing Consortium

THIS CERTIFICATE RECOGNIZES THAT

Industrial Laboratories

HAS BEEN AWARDED RMTC LABORATORY ACCREDITATION

AWARDED THIS 1ST DAY OF MAY, 2014

Alex Waldrop, Chair RMTC Board

QUALITY ASSURANCE AND QUALITY CONTROL

Industrial Laboratories ensures the validity and quality of its data through strict quality protocols. To support the company's quality initiative, IL employs a Quality Assurance and Control Team consisting of **Joanne Compton, Director of Quality Assurance and the lab's Quality Control Officer, Ms. Maria Bialecki**. Maria is dedicated to monitoring and continuously improving quality in our company. Some of her duties include helping manage the drug testing laboratory with accreditation initiatives, performing internal audits of all laboratory areas, and monitoring our internal and external quality control program. The Quality Officer also maintains the company's calibration system, which ensures that pipettes, balances, and thermometers, etc., are accurate.

Additionally, Maria maintains and continually monitors laboratory documentation, such as the Quality Manual and the standard operating procedure manuals.

Industrial Laboratories participates in external proficiency testing programs provided by both the AORC and the RMTC. Additionally, Industrial Laboratories receives external proficiency samples through American Proficiency Institute for Total Carbon Dioxide testing and Specific Gravity. We have superior records of performance in both programs. **As per the requirements of our accreditation, we will provide the State with proficiency testing results within 2 weeks of our receipt of the final results.**

We also conduct internal proficiency testing programs on an ongoing basis, and we engage in a sample exchange program with HIWU, which involves testing samples that have been declared negative to ensure that our screening program is optimized always. This has been a very valuable program.

More than 10% of our routine screening samples are quality assurance samples. On average, we analyze approximately 2500 individual QA samples in our screening program on an annual basis. Over the course of three years, we have analyzed well over 8000 QA samples. The performance of each sample is tracked in a positive control log and a negative test result leads to re-analysis and a formal Corrective and Preventative Action to determine the root cause of the failure.

Confirmation analysis contains a minimum of one positive and one negative control, and quantitative confirmations use 5-7 quantitative calibrators, consisting of matrix blanks supplemented with known amounts of reference standards, as well as blanks, and a positive control supplemented at the threshold level. Last year IL confirmed more than 1000 medication violations. Quality control samples for threshold violations are monitored in control charts which are used for measurement uncertainty calculations.

All quality assurance samples are reviewed by a senior staff member immediately upon completion of the test and are tracked and monitored by the Laboratory Director and Quality Manager.

Being accredited by both A2LA and RMTC assures all our clients that we have documented quality programs in place, and a designated, qualified Quality Assurance / Quality Control Officer on staff that has the authority to execute the duties of the position.

INTERNAL BLIND ANALYSES

Dr. Karen L'Empereur oversees our laboratory's internal blind sample program. Dr. L'Empereur prepares blind samples for both blood and urine and introduces them into the routine operations to determine the efficacy of the test and the performance of staff. Substances are chosen from a list of pre-determined compounds at relevant concentrations. This list is reviewed and updated on a yearly basis. Generally, candidate drugs are chosen based on two factors; the RCI and RMTC Controlled Therapeutic Medication list, and the TOBA "mandatory drugs". Industrial Laboratories can issue an annual report that includes a summary of blind sample analysis, results, any corrective action reports resulting from incorrect blind sample results, as well as reports from external programs, such as negative exchange programs, AORC-EQAP and the RMTC-EQAP.

Given the substantial volume blind samples processed over the previous 90days, we invite NRGC to review these documents during an on-site visit to our facility or via teleconference. Multiple screen checks are incorporated into screening batches for blood, urine, and ELISA, resulting in the processing of hundreds of internal blind samples annually.

EQAP PARTICIPATION

We participate in proficiency testing programs offered by the AORC, the RMTC, and HIWU and our record has been superior. If awarded the contract, we agree to provide all official results from external programs within 2 weeks of receipt of finalized results at the laboratory. Please see the reports of our most recent proficiency test results in Attachment "Proficiency Results" following this proposal.

As our long-standing and continuous accreditation status shows, our auditors have verified our proficiency testing results. We invite you to review all records related to our performance at our facility in Denver, Colorado.

FALSE POSITIVE / FALSE NEGATIVE FINDINGS

Industrial Laboratories has successfully completed all proficiency tests. Our internal QC activity consists of internal blinds and daily quality control samples which have demonstrated that we have no confirmed false positives as part of this program. False negatives occur infrequently, the root cause of which have been identified as process issues, such as mis-spiking the sample with a concentration too low for routine detection in research samples. Documentation regarding our process and results are available for viewing at our facility.

Once our results have been issued, we typically are not informed of any subsequent actions taken by the client unless a hearing is scheduled. In cases where analytic findings would be dismissed due to the issues mentioned, these matters would be thoroughly reviewed and addressed through our quality assurance processes. Appropriate corrective actions would be implemented to mitigate future occurrences.

PASSED SAMPLE EXCHANGE

We currently engage in a monthly passed sample exchange with HIWU as well as other jurisdictions on a random basis. This program, before HIWU, has existed for approximately the last five years and we are only aware of one occurrence that indicated our screen missed a drug. The compound in question was budesonide, which was not targeted by our test at the time and the drug was detected by Florida in one of our samples. We immediately added the drug to our screen and have not encountered any other reports of false negatives.

In summary, please know that quality assurance and quality control are fundamentals of our analysis. To ensure the constant validity of our results, we employ various systems designed to minimize or eliminate potential pitfalls. Our quality systems include:

1. Daily tuning and/or calibration procedures of all instrumentation. Preventative maintenance programs and/or service contracts to minimize breakdown of equipment or potential downtime. All records related to this are maintained for review. Calibration and certification of pipettes, thermometers, and other measuring equipment. Balance checks and accuracy verification. Temperature monitoring of sample refrigerators and freezers.

2. The use of positive and negative matrix control samples in every analytical batch. All control samples are recorded and traceable. Failure of a positive control samples will result in rejection of the batch. The analysis will be repeated, and an investigation into the failure will be performed and documented.

3. Certifying scientist review of all data generated, prior to release of any results.

4. Participation in available proficiency programs, and cooperation with other laboratories to refine methodologies and reduce inter-laboratory differences, as well as the analysis of

internal and external blind samples, when available. IL participates in proficiency testing programs offered by the AORC and RMTC. Proficiency testing by the AORC includes the analysis of six blind samples submitted annually. IL has a 100% compliance rate using our instrumental screening methods for proficiency testing. The RMTC proficiency program is administered twice per year to accredited laboratories, and we have participated in all proficiency rounds available to us, with a 100% pass rate.

5. Re-checks of random samples for false negative results. IL engages in a negative sample exchange program with another racing laboratory to ensure the efficacy of our screening methods. By comparing results to those obtained by another laboratory's screening program we can determine if we have any gaps in drug coverage. We have engaged in this exchange for the last 4 years, and we have only had one instance when the other laboratory detected a substance that was not covered in our screen, a Class 4 drug ("Budesonide"), which has since been added to our target screen.

6. Internal and External audits of laboratory operations. Internal investigation procedures. Corrective Action Procedures and Root Cause Analysis of all quality-related failures. Internal audits are performed by our quality department and are documented for review by our external auditors. Any non-compliant findings result in a Corrective and Preventative Action Report (CAPA) and require resolution within 30 days of the documented finding.

7. Documentation of all quality-related systems in a company Quality Manual.

8. The availability of written Standard Operating Procedures to all technical staff for training and reference. Validation of all methods used for routine analysis in a manner that is compliant with industry standards.

9. The continuous training and education of our staff is documented in individual training files.

10. Obtaining quality supplies from reputable vendors. Validating all reference standards used in analysis. Maintaining a documented control system for all chemicals, reagents, standards, etc., to ensure traceability of chemicals used in analysis. Certificates of Analysis and/or laboratory purity and identity confirmation for reagents and chemicals.

11. Limit of detection studies for individual methods.

12. The maintenance of accreditation and adherence to the guidelines set forth in ISO 17025:2005 as evaluated by A2LA, RMTC, ILAC, and AORC.

Industrial Laboratories maintains accurate records of samples and all processes associated with the receipt, testing, storage, and disposal of samples. Hardcopy records are maintained in secure document storage for seven (7) years. Electronic records are maintained in accordance with accreditation requirements.

The following hardcopy records relate to official samples and are available upon request:

1. Chain of Custody Form - documents individual samples, including temperature, condition of sample and packaging, integrity, seal and lock conditions, person opening the cooler or packaging and receiving samples.
2. LIMS Records – Laboratory Information Management System accessioning and tracking records that follow a sample through the testing process and sample storage areas. Records are kept of all persons handling a sample and can be printed for data packages.
3. Temperature Records - document daily temperatures of all equipment used for storage of samples.
4. Control Sample Logs - document the preparation of positive control samples, including drug identity, person preparing the control, and laboratory receipt numbers of reference materials.
5. Primary Control Number Logs - document the date of receipt for laboratory reagents and supplies, identifies person receiving supplies, storage conditions and location, expiration dates, and certificate of analysis availability.
6. Secondary Control Number Logs - document the preparation of reagents and standards, including date and person involved in the preparation, and primary control numbers of all reagents used in the preparation.

STANDARD OPERATING PROCEDURES

Standard Operating Procedures (SOP's) are controlled documents and maintained by our Quality Department. Laboratory staff can access the most current version of all SOPs in both hardcopy and electronic form. Documents are reviewed and signed by laboratory management, who also review the documentation regularly for needed updates. Changes to documents are tracked in the document history section and previous versions of all SOP's are archived for a minimum of seven (7) years.

SAMPLE MANAGEMENT / SAMPLE RETENTION

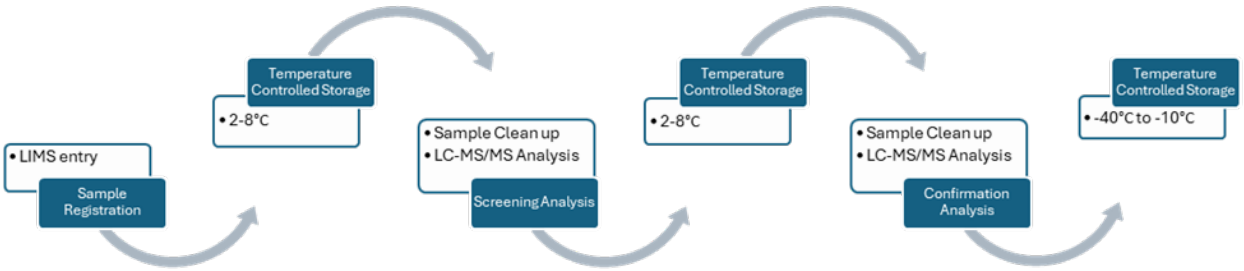
Upon receipt from the racetrack, samples are inspected and if deemed acceptable for testing they are registered in our Laboratory Information Management System (LIMS). Once registered, a chain of custody record is automatically created for each individual sample. This record is updated with each movement of the sample throughout the testing process. The internal chain of custody record includes which sample matrix is being accessed, by whom, when, where, and why the sample was accessed. The internal CoC is maintained from receipt through to disposal of the sample.

All testing is conducted using an aliquot from the primary sample. The primary samples are maintained in secured temperature-controlled units that are only accessible by applicable DTS employees.

Negative (passed) samples will be retained for a minimum of 90 days. During the first 30 days following sample receipt, the samples will be stored under secure refrigerated conditions, followed by storage in frozen conditions for the remaining 60 days.

Suspicious, but subsequently passed, samples will be retained for a minimum of 90 days. During the first 30 days following sample receipt, the samples will be stored under secure refrigerated conditions, followed by storage in frozen conditions for the remaining 60 days.

Positive (failed) samples shall be retained in frozen storage for 1 year (365 days). Samples will be disposed after authorization from NRGC.



SCOPE OF TESTING

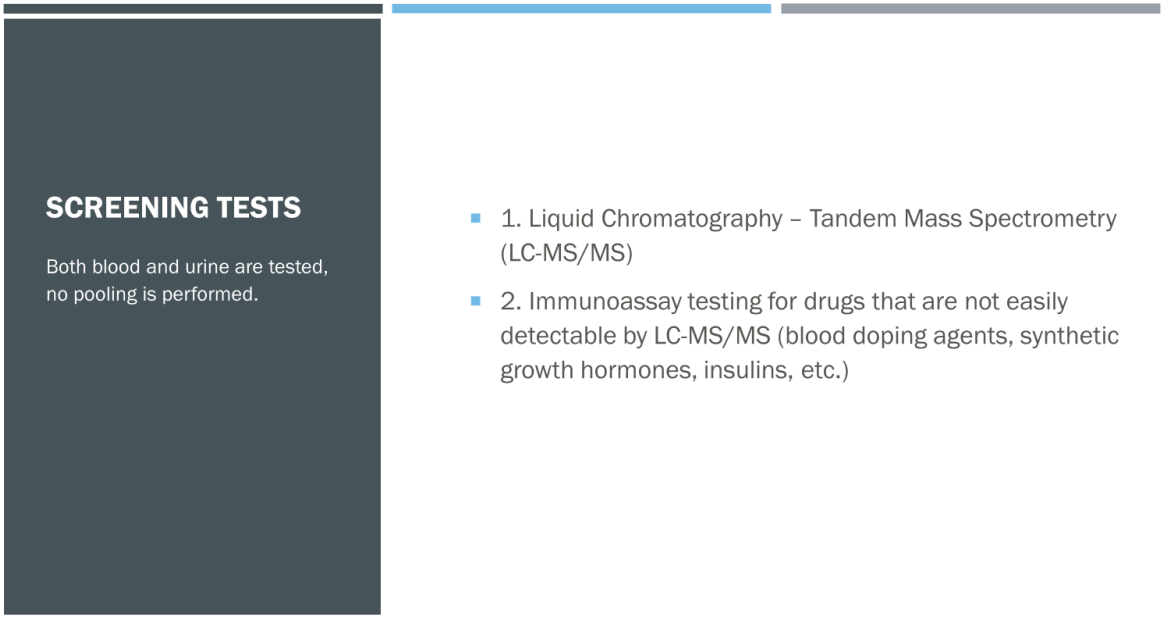
STATEMENT OF WORK TO BE PERFORMED

Industrial Laboratories agrees to maintain all necessary personnel, equipment, facilities and supplies to perform analyses on samples submitted by the Nebraska Racing and Gaming Commission. Testing protocols are designed to enforce medication rules governing permitted threshold substances and prohibited substances. **All testing will be compliant with the medication rules in place for Nebraska.** The scope of testing includes, but is not limited to, drugs listed under TOBA/AGSC Drug Testing Protocols, ARCI Controlled Therapeutic Medication Schedules, IFHA medication protocols, and many more. Testing will be performed promptly and reported to authorized Commission contacts. All records associated with client samples and testing processes will be maintained in a secure location for seven (7) years.

Testing methods used for sample analysis are validated, documented, legally defensible and have a proven track record of successfully detecting a wide spectrum of drugs in animal biological samples. Industrial Labs can offer screening and confirmatory testing using the following instrumental methods:

- Liquid Chromatography – Tandem Mass Spectrometry (LC-MS/MS)
- Liquid Chromatography – High Resolution/Time of Flight Mass Spectrometry (LC-HR/TOF-MS)
- Gas Chromatography – Mass Spectrometry (GC-MS)
- Enzyme Linked Immuno Sorbent Assay (ELISA)

All testing is performed on validated equipment after verifying the system's suitability. Samples are always accompanied by reagent and system blanks, positive and negative control samples, and reference standards when applicable. Instrument software maintains all information related to samples, analysis time and conditions. Specific gravity testing and pH of urine samples will be completed for every urine sample found to contain a prohibited substance or a substance in excess of the permitted threshold.



Industrial Laboratories has all the resources and established systems in place to maintain your existing system with a proven track record of successful, legally defensible drug findings. We continuously strive to add value to our testing programs through research and development of new drug methods. Industrial Labs will always work to provide you with superior customer service and technical capabilities that meet or exceed your expectations.

Summary of Testing to be provided:

	Post-race test: B&U	Post-race test: Blood only	Out of Competition test:	Injuries/ Post mortem	TCO_2 test:	Contra-band	Vet's List
Nebraska Rules of Racing	X	X	X	X	X	X	X
LC-MS Screen (RCI-CTM- & TOBA /Blood)	X	X	X	X	N/A	X	X
LC-MS Screen (RCI-CTM- & TOBA /Urine)	X	N/A	X	X	N/A	N/A	X
LC-MS Screen for Clenbuterol / beta-agonists / urine or blood	X	X	X	X	N/A	X	X
LC-MS Screen for Penalty Class A Drugs	X	X	X	X	N/A	X	X
Blood Doping Agents (by ELISA)	Upon request[1]	Upon request[1]	X	X	N/A	X	Upon request[1]
Growth Hormone (by ELISA)	Upon request[1]	Upon request[1]	Upon request[1]	Upon request[1]	N/A	X	Upon request[1]
LC-MS Screen for Androgenic Anabolic Steroids	X	X	X	X	N/A	X	X
LC-MS Screen (Targeted Drug Screen)	X	X	X	X	N/A	X	X
Bisphosphonates by LC-MS	Upon request[1]	Upon request[1]	Upon request[1]	Upon request[1]	N/A	Upon request[1]	Upon request[1]
SARM's by LC-MS	X	X	X	X	N/A	X	Upon request[1]
Cobalt (ICP-MS)	10%	10%	X	Upon request[1]	N/A	X	Upon request[1]
Arsenic in urine (ICP-MS)	Upon request[1]						
TCO_2 by ISE or HS-GC/MS)	N/A	N/A	N/A	N/A	X	N/A	N/A
RMTC Unknown Protocol	N/A	N/A	N/A	N/A	N/A	X	N/A

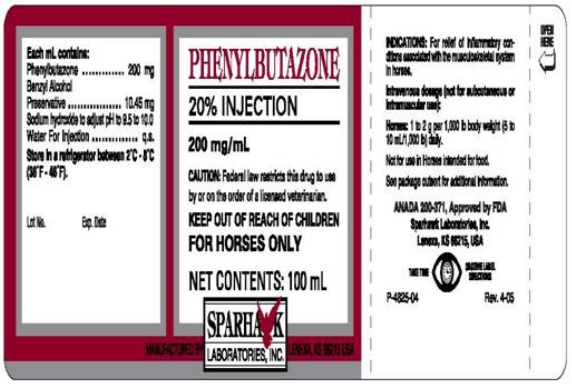
Full scan screening by HRMS	Upon request[1]	Upon request[1]	Upon request[1]	Upon request[1]	N/A	X	Upon request[1]
ITPP Testing by LC-MS	Upon request[1]						
GABA Testing by LC-MS	Upon request[1]						
Targeted Drug Screen for non-therapeutic outside of normal scope of testing	Upon request[1]						
Alcohol testing	Upon request[1]						
Enhanced peptide screening	Upon request[1]						
Expanded metals screen	Upon request[1]						

[1] = non routine test – additional charges will apply.

STANDARD POST-RACE SCREENING ANALYSIS

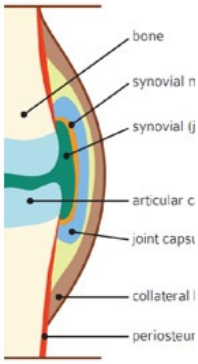
Industrial Laboratories will test every **blood and urine** sample for more than 450 drugs using a custom target analysis by LC-MS/MS that is a sensitive, accurate, and precise determination of the compounds that occur routinely in racing, as well as many drugs that are potent performance enhancers. Urine samples will be both base and enzyme hydrolyzed prior to extraction. We routinely detect more violations using this method than other laboratories because our process has been optimized and validated. We will also subject urine samples to instrumental screening for drugs that may be present in higher concentrations in the urine.

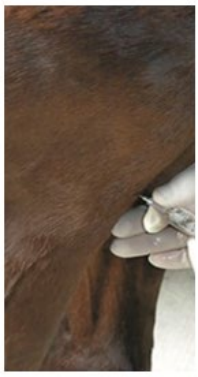
Every sample is screened for all compounds listed on the RCI Controlled Therapeutic Medication list. We prepare quantitative control samples, so that the lab can obtain an estimated level of any threshold drug that is present in the screening test. Samples that appear to be greater than the permitted threshold are marked for re-analysis using specific, quantitative methods. Samples that contain these medications at levels below the threshold can be reported back to designated Commission contacts for research purposes.



Every blood sample is also monitored for the presence of furosemide and an estimated level can be determined based on screening test data to allow for efficient detection of threshold violations. Any sample from a horse entered on furosemide that appears to have greater than 100 ng/mL of furosemide is marked for re-analysis and submitted for confirmatory testing, including specific gravity testing to verify urine dilution. Horses not entered on furosemide but suspect of its' presence shall be confirmed and reported as a violation. IL also tests for several additional diuretics that are not regulated by threshold.

Last, but not least, every blood sample is tested for the following corticosteroids on a routine basis: betamethasone, dexamethasone, flumethasone, isoflupredone, methylprednisolone, triamcinolone acetonide, prednisolone, and prednisone, as well as other corticosteroid drugs which are not permitted at any level.





Corticosteroids & joint injections

As we have pointed out before, Industrial Laboratories is pleased to offer Graded Stakes level testing for **ALL routine samples** and commits to the performance standards outlined in the 2021 testing protocol, as follows:

RCI Class 1 drugs: (23 mandatory drugs)

alfentanil, amphetamine, apomorphine, carfentanil, benzoylecgonine, morphine, dermorphin, etorphine, despropionylfentanyl, hydromorphone, levorphanol, meperidine, normeperidine, mephentermine, methamphetamine, ritalinic acid, oxymorphone, and sufentanil (plus 30 other Class 1 drugs)

RCI Class 2 drugs: (35 mandatory drugs)

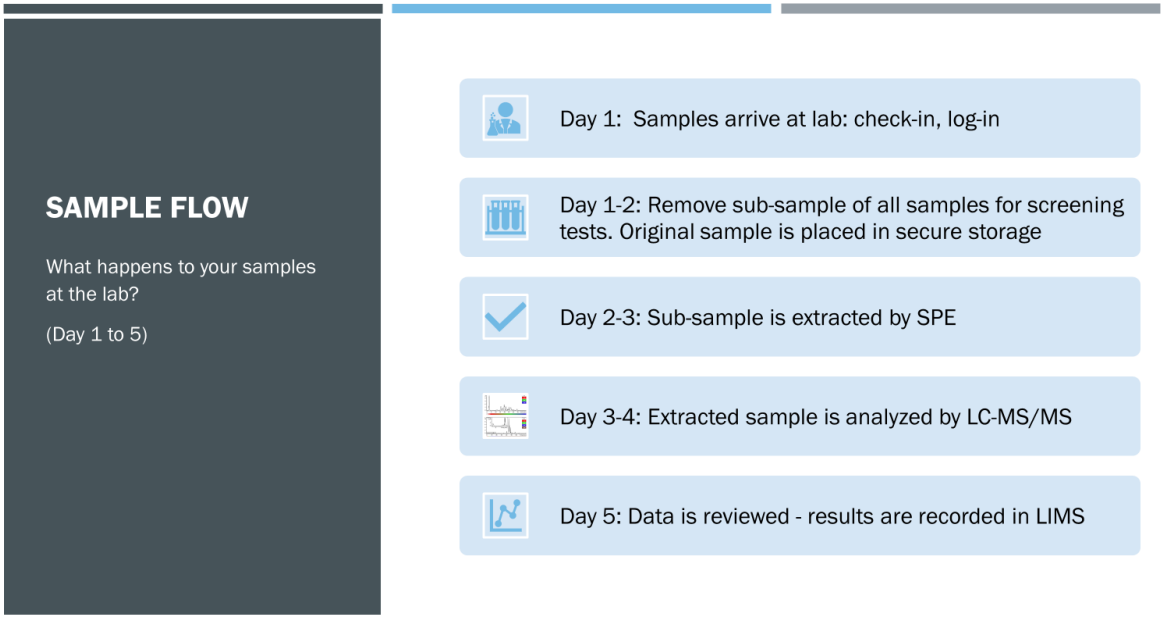
nortriptyline, buprenorphine, buspirone, caffeine, meprobamate, hydroxycarisoprodol, chlorpromazine, desipramine, dezocine, nordiazepam, oxazepam, temazepam, ephedrine, phenylpropanolamine, fluoxetine, fluphenazine, desipramine, lidocaine, mepivacaine, modafinil, nalbuphine, nalorphine, nortriptyline, propionylpromazine, and tramadol (plus 52 other Class 2 drugs)

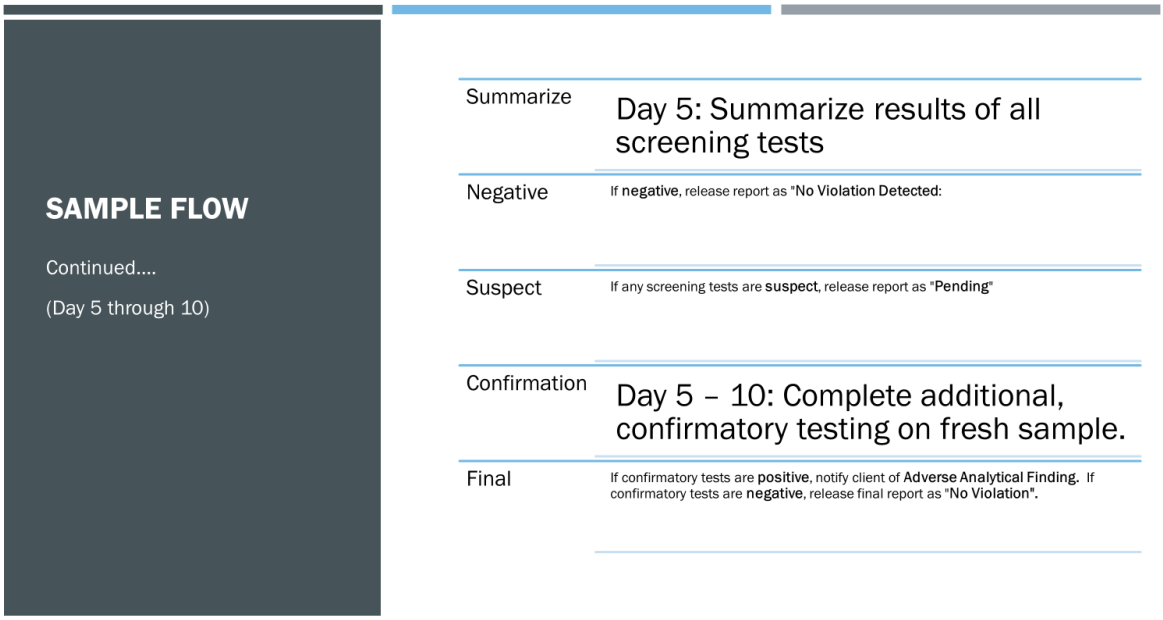
RCI Class 3 drugs: (61 mandatory drugs)

acepromazine, albuterol, boldenone, bumetanide, butorphanol, clenbuterol, cobalt, derecoxib, detomidine, etodolac, fenoprofen, flufenamic acid, flurbiprofen, formoterol, furosemide, gabapentin, glycopyrrolate, guanabenz, ipratropium, ketorolac, metaproterenol, methyltestosterone, metoprolol, nabumetone, nandrolone, pentazocine, phenylpropanolamine, pirbuterol, piroxicam, procaine, promazine, propranolol, pyrilamine, ractopamine, sildenafil, stanozolol, tenoxicam, terbutaline, testosterone, tetrahydrogestrinone, theophylline, trenbolone, xylazine (plus 41 other Class 3 drugs)

RCI Class 4 drugs: (47 mandatory drugs)

betamethasone, dantrolene, dexamethasone, diclofenac, diflunisal, firocoxib, flumethasone, flunixin, ibuprofen, isoflupredone, ketoprofen, meclofenamic acid, methocarbamol, methylprednisolone, naproxen, phenylbutazone, prednisolone, prednisone, triamcinolone acetonide (plus 28 other Class 4 drugs)





EXTRACTION SCHEME

Our process uses solid phase extraction for the analysis of acidic, basic free, basic conjugated, and neutral drugs. We perform this extraction on both blood and urine, although blood samples are not hydrolyzed, and we thus analyze only for the free (active) forms of drugs in the blood.

Extraction for	**Blood**	**Urine**
Acidic drugs	✓	✓
Basic free drugs	✓	✓
Basic conjugated drugs	N/A	✓
Neutral drugs	✓	✓

VET'S LIST / WORK SAMPLES

Samples from animals working for release from the Vet's List will be tested using the same protocols and scope of coverage as routine post-race tests (including NSAIDS's, corticosteroids, local anesthetics, anabolic steroids, and bronchodilators). This means all threshold drugs will be covered, as well as the TOBA / AGS list of substances. **To expedite results, we assign a three (3) day turn time for these samples.** No pooling of samples will be conducted.

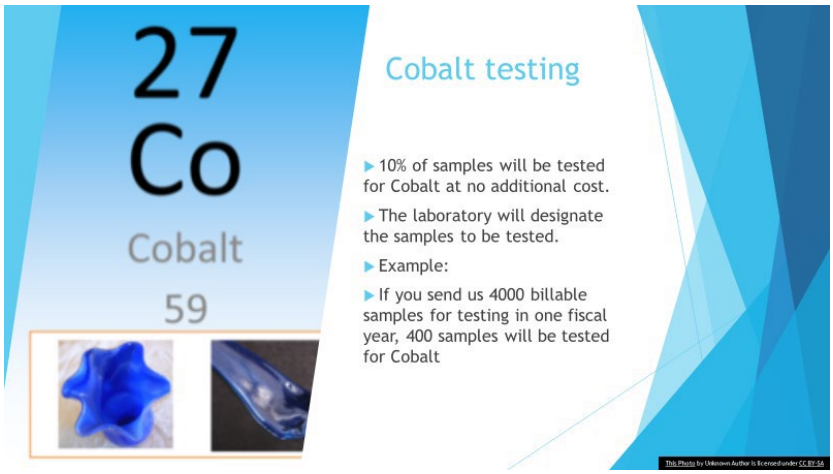
OUT OF COMPETITION

For out-of-competition testing we propose a scope of coverage that focuses on blood doping (EPO, Darbopoietin), anabolic steroids, beta agonists / growth promotants (clenbuterol, ractopamine, zilpaterol, zeranol, bambuterol, albuterol, etc.) and specialized ELISA testing for exotic drugs such as venoms/toxins (when available), as well as growth hormones, etc. **Due to the nature of some of the tests which require extensive preparation, we request notice of pending OOC testing and will require a 7-business day turn-around time for OOC screening tests.** Confirmation testing is compound dependent, and we will provide an estimated turn-time for completion of confirmatory testing upon identifying a suspect sample.

COBALT TESTING

To ensure compliance with the current TOBA/AGS Testing Protocol, IL also tests 10% of your routine post-race samples for Cobalt as well as all Out of Competition samples. This service is included in the proposed routine pricing.

Industrial Labs utilized the University of Kentucky, Veterinary Diagnostic Laboratory for metals analysis, primarily Cobalt testing.



This testing is best performed using Inductively Coupled Plasma Mass Spectrometry (ICP-MS), a technology mainly used in the environmental field for metals testing. Currently, the annual sample throughput for Cobalt is insufficient to justify purchasing a specialized piece of equipment, expenses greater than $200,000. To maintain a competitive market price, we thus propose to use the University of Kentucky Veterinary Diagnostic Laboratory (UK VDL) for Cobalt and random Arsenic testing using a validated ICP-MS procedure in place at their facility in Lexington. UK VDL has served as an official laboratory for cobalt testing for Industrial Labs. The laboratory has more than five (5) years of experience in the analysis of official pari-mutuel samples for Cobalt testing and is accredited to the standards of the American Association of Veterinary Laboratory Diagnosticians (AAVLD).

Martin-Gatton College of Agriculture, Food and Environment

VETERINARY DIAGNOSTIC LABORATORY

University of Kentucky Veterinary Diagnostic Laboratory

1490 Bull Lea Rd.

Lexington, KY 40511

Phone: (859) 257-8283 Fax: (859) 255-1624

https://vdl.uky.edu/testinformation?keywords=sequine

HAIR TESTING

Hair testing offers several advantages over blood and urine testing, including significantly longer detection times for the detection of certain banned substances, ease of collection and storage, detection of parent compounds and ability to determine synthetic steroid esters to differentiate naturally occurring steroids from those administered to the animal.

Industrial Laboratories routinely analyzes hair samples for the detection of prohibited drugs such as beta-agonist growth promotants and anabolic steroids, as well as conducting general screening for intelligence purposes. We have been routinely testing hair since 2018 and currently test approx. 10,000 hair samples per year for various racing authorities and breed organizations. We have a proven record of accomplishment concerning the detection of prohibited substances in hair.

No pooling of samples will be conducted.

TCO2 ANALYSIS

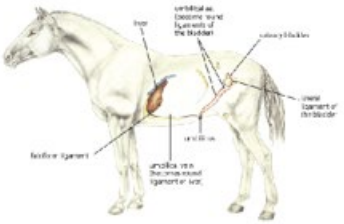
All samples received for Total Carbon Dioxide (TCO2) testing will be analyzed within 24 hours of receipt. Samples that are past the maximum hold time of 120 hours from the time of collection will not be analyzed, and the Commission Contact will be notified of the occurrence.

We have purchased two new Headspace Gas Chromatograph-Mass Spectrometer (HS-GC/MS) to implement the most up-to-date, state-of-the-art TCO_2 method, which has been validated and is in use at many racing labs across the world. The new method allows for a more specific detection using mass spectrometry and increases the range and sensitivity of TCO_2 levels that can be reliably measured. We have participated in training for the new method (RMTC California workshop, January 2020) and switched to the new method in May 2021.

We currently test several thousand samples per year and have additional capacity. No pooling of samples will be conducted.

NECROPSY SAMPLES

Samples collected from injured, euthanized, and deceased horses will be handled depending on the specific circumstances and the sample type and sample volume available to us for testing. We aim to screen using the broadest possible coverage but are often restricted due to the quality of post-mortem samples; blood samples are frequently hemolyzed, partially or fully clotted, and it may be necessary to collect “non-routine” samples instead. We have experience testing organ tissues (liver, kidney, muscle), and eye and joint fluids, as well as post-mortem blood and urine samples. To ensure the greatest efficacy in testing, we request as much information as possible related to pre-mortem therapeutic measures and circumstances of death, while maintaining sample anonymity.



Post-mortem: Necropsy & Testing

ELECTIVE TESTING – TARGETED ANALYSIS FOR ADMINISTERED SUBSTANCES

Industrial Laboratories has been offering a **free research program** for samples collected after known administration of therapeutic medications regulated by threshold. This program serves trainers and horseman as a learning tool to monitor withdrawal times. Through this program we have significantly reduced inadvertent therapeutic medication violations, which means less frustration on the track from all participants, as well as decreased administrative burden on the commission and staff. The program has been well received by horseman and veterinary racetrack practitioners. To qualify as no-charge research sample, the following conditions must apply:

1. The Nebraska Racing and Gaming Commission is aware of the pending submission and has given its approval.
2. The drug that was administered is a therapeutic medication, regulated by threshold in Nebraska.
3. The administration specifics must be made available to the lab (exact drug name, dose given, route of administration, time of administration, specific joints injected in the case of intra-articular administration, and time of sample collection.
4. The submitter agrees that administration and resultant drug level information will be shared with other industry participants anonymously.

The State of Minnesota has been conducting this program through us with great success since approximately 2011 and I would encourage you to contact Dr. Lynn Hovda at

Lynn.Hovda@state.mn.us with any questions you may have about this program in a regulatory context.

The elective testing can also be conducted in an official manner, exactly as you request in your RFP, and we will provide pricing for this service.

We agree that we will not accept samples from private parties for doping control without the consent of the Nebraska Racing and Gaming Commission.

CONTRABAND

Industrial Laboratories has testing protocols for unknown/confiscated medications that are consistent with RMTC protocols. The materials are evaluated upon receipt, photographed, weighed as needed, and a rinse or dilution is prepared. The liquid is analyzed by LC-Tandem Mass Spectrometry and compared against available databases. If the results are negative, the material is infused, and further mass spectral data analysis is initiated. Further testing may require analysis by GC-MS or High-Resolution Mass Spectrometry. Because of the complexity of the process, turn-around time may vary based on individual test results, and pricing will be offered in a tiered format, based on the number of tests needed to complete a particular sample.

We test for a wide array of drugs; however, it is important to know that there is no single test or group of tests that can detect everything that may be used in an animal. The most effective doping control program relies on a combination of technical skills in the lab coupled with good intelligence in the field. We encourage our clients to contact us with rumors of new drug use and we encourage submission of seized materials to aid us in optimizing tests for detection of drugs in blood and urine. We offer a free whistleblower program that is designed to encourage anonymous submission of “dope”. This is the type of program, for example, that allowed Olympic labs to detect tetrahydrogestrinone (THG) in athletes’ samples after a trainer anonymously submitted a syringe to tip off authorities to a rival trainer’s illegal practices.

Unfortunately, the horseracing industry is rife with snake oil products, which provide the illusion of doping when the animal experiences no pharmacological effects and only the reputation of the sport suffers. Industrial Laboratories makes every effort to stay on top of illegal practices and maintain the edge over doping compounds in a manner that is efficient and effective. To help us with the detection of new and novel compounds, we utilize a state-of-the-art Time of Flight (TOF) High Resolution Mass Spectrometer (HRMS), the AB Sciex X-500R. It offers all the capabilities of the Thermo Orbitrap series such as collection of full scan spectra and retroactive data mining, with improved speed and resolution.

SEIZED MATERIALS SUBMITTED FOR TESTING

RESEARCH AND DEVELOPMENT

LEADERSHIP ROLES IN LABORATORY TESTING COMMUNITY

Our laboratory staff members have always been encouraged to pursue personal and professional growth by participating in professional organizations. We have had staff memberships in a variety of technical / scientific organizations, such as the American Chemical Society, the Association of Analytical Chemists, Society of Forensic Toxicology, and the Southwestern Association of Toxicologists.

For racing industry-specific groups we focus on the following:

Association of Official Racing Chemists (AORC)

We have five (5) active members of the AORC on staff, and additional staff members are in the process of applying for membership. Professional Membership is restricted to those scientists that meet educational requirements, are actively engaged in an official capacity, and pass a membership examination requiring the identification of unknown drugs in a set of control samples.

The AORC is an international group of racing chemists that work exclusively in the field of pari-mutuel drug testing and collaborate to further the science of testing performance animals. The group was formed in Chicago, Illinois in 1947 and today has active members in more than twenty-six countries across the globe.

We attend US-based conferences, as well as the bi-annual international meeting whenever possible, to remain informed about drug findings and new methods in place at non-US laboratories.

Racing Medication and Testing Consortium (RMTC)

Through our accreditation by the RMTC, we have been offered the opportunity to participate in the Scientific Advisory Committee (SAC) and on the Horse Testing Laboratory Committee (HTLC). Petra Hartmann has served as Co-chair of the SAC and is active on the HTLC.

She has also participated in the drafting of the model RFP and is currently involved in committees working on best practices for hair testing and for drug intelligence gathering in AQHA-sanctioned events.

Association of Racing Commissioner's International (ARCI)

Our laboratory attends the RCI conference on an annual basis, both for the opportunity to **remain informed on the regulatory aspects** of our work, and to interact with our clients in person in a professional setting.

COMPLETED RESEARCH

The following is a brief list of equine research projects completed in the last few years:

2024

AORC Annual Meeting – Chicago, IL

- Total Carbon Dioxide Method Validation, and AORC Guidelines for Mass Spectrometry
- Detection and Confirmation of a Synthetic Cannabinoid, ADB-Fubinaca, in the post-race blood samples of Standardbred Horses.
- N-ethylnicotinamide: A marker of nikethamide administration or a potential contaminant in vitamin supplements?

2023

Drugs infused/optimized and added to target screen blood, urine, hair, or separate screening method:

4-Hydroxytrazodone
Bromadol
Bromocriptine
Cabergoline
Diisopropylamine

Dimethyltryptamine
Dipyridamole
Fluphenazine Sulfoxide
Higenamine
Lubabegron
M-Chlorophenylpiperazine (mCPP)
Mescaline
Mofebutazone
Paramethasone
Para-methoxymethamphetamine
Phenazocine
Testolone
Tianeptine
Trenbolone Acetate
Trenbolone Enanthate
Troparil
Confirmation method development:
3-Methoxytyramine in urine 4-Hydroxyamphetamine in urine
Capsaicin in urine
Fenoterol in hair
Fentanyl in hair
Higenamine in urine
Ketorolac in blood
Minoxidil in urine
Mofebutazone in urine
Salmeterol in urine
Sparteine in blood
Tapentadol in blood
Tapentadol in urine
Thyroxine in contraband
Trazodone and 4-hydroxytrazodone in blood
Venlafaxine and O-desmethylvenlafaxine in urine
Zeranol, Taleranol, Zearalenone, Zearalanone, Alpha-Zearalenol, and Beta-Zearalenol in urine

2022
Drugs infused/optimized and added to target screen blood, urine, hair, or separate screening method:
Para-methoxyamphetamine
4-hydroxyamphetamine
Regadenason

All research projects are entirely self-funded. We have not received any funds from any organization, racing jurisdiction, contract clients, or private parties for the execution of these projects. We are happy to share more of our completed and/or ongoing research with the NRGC upon request.

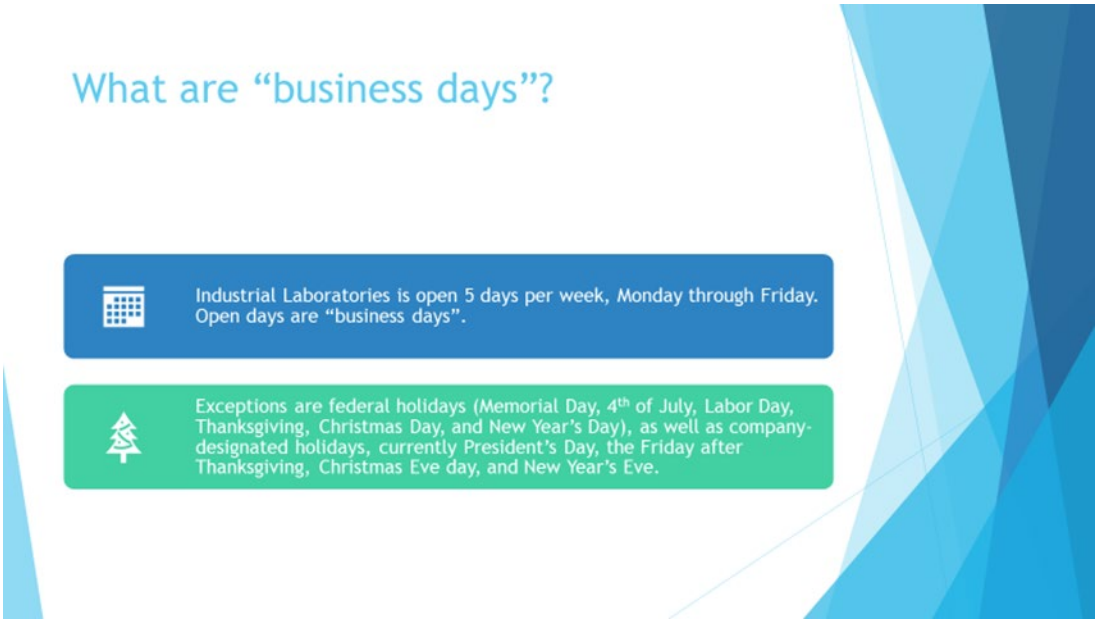
TURN-AROUND TIME

SCREENING RESULTS

The reports for screening results will be supplied electronically within five **(5) business days** of receipt of the samples to authorized contacts. The day after receipt counts as day one (1). A Final Report will be issued if all samples from the specific race-day are No Violation, and a Preliminary Report is issued if a sample or multiple samples are pending further analysis. Although samples may be received on weekends, the turnaround time will commence on the next business day following receipt.

Turn-around time will not be counted during Industrial Laboratories 10 holidays:

President's Day
Memorial Day
Independence Day
Labor Day
Thanksgiving Day
Day after Thanksgiving
Christmas Eve Day
Christmas Day
New Year's Eve Day
New Year's Day



CONFIRMATION RESULTS

Confirmatory results will be reported within ten **(10) business days** after receipt of samples. (5 days for screening results + 5 days for confirmation results).

REQUEST FOR EXTENSION

If the analysis cannot be completed within ten (10) business days, we will issue a written request for extra time, detailing the reason for the delay in analysis.

SPECIAL TESTING

Turn-around times for special testing will be quoted individually and depend on the test sample's exact nature and the test's objective. We make every effort to accommodate requests for expedited testing of samples collected from Futurity and Derby trials and will provide a quote for “Rush” testing of trials.

DATA PACKAGES

Requests for data packages for positive (failed) findings can be fulfilled electronically in 5-10 business days.

REPORTS / COMMUNICATIONS / SUPPORT

SCREENING REPORTS

All our reports and data packets are consistent with the accreditation requirements of ISO 17025:2017 (A2LA) and RMTC. Reports will be distributed electronically to the official contact(s) and electronic copies are maintained in secure internal networks. All data and reports are available upon request by the client. All information related to a contract is confidential and will not be released without the express permission of the client. The following are examples of IL Test Reports.

Legal defensibility: the foundation of our analysis

Industrial Laboratories

CERTIFICATE OF ANALYSIS

Report # Rpt-240917068

PRELIMINARY REPORT

Date of Report:
September 17, 2024

Nebraska Racing and Gaming Commission

[redacted]

TRACK: [redacted]
TYPE OF TESTING: Post-Race
COLLECTION DATE: 09/08/2024

DATE OF RECEIPT: 09/10/2024
DATES OF ANALYSIS: 09/10/2024 to 09/17/2024
SEAL NUMBER: 3278097

SampleCode	Client ID	Sample Type	Authorized Meds (1)	Sex (1)	Results
240910041-014	[redacted]	Blood & Urine	PBZ, Lasix	Filly	NO VIOLATION
240910041-015	[redacted]	Blood & Urine	PBZ, Lasix	Gelding	NO VIOLATION
240910041-016	[redacted]	Blood & Urine	PBZ, Lasix	Gelding	NO VIOLATION
240910041-017	[redacted]	Blood & Urine	PBZ, Lasix	Filly	NO VIOLATION
240910041-018	[redacted]	Blood & Urine	PBZ, Lasix	Gelding	NO VIOLATION
240910041-019	[redacted]	Blood & Urine	PBZ, Lasix	Filly	NO VIOLATION
240910041-020	[redacted]	Blood & Urine	PBZ, Lasix	Gelding	PENDING

Methods : IL-DTS-M-003

7 Blood & Urine Samples received in secure and good condition.

The results shown on this certificate of analysis apply only to the samples listed above.

(1) This information was provided by the submitting party

Digitally Signed By: **Abigail Fitches**

Date: 09/17/2024

DTS Administrative Services - Authorized by Lab Director: Petra Hartmann

6116 E Warren Avenue, Denver, CO 80222, (303) 287-9691, www.industriallabs.net

Industrial Laboratories

CERTIFICATE OF ANALYSIS

Report # Rpt-240917082

FINAL REPORT

Date of Report:
September 17, 2024

Nebraska Racing and Gaming Commission
[redacted]

TRACK: [redacted]
TYPE OF TESTING: Post-Race
COLLECTION DATE: 09/06/2024

DATE OF RECEIPT: 09/10/2024
DATES OF ANALYSIS: 09/10/2024 to 09/17/2024
SEAL NUMBER: 3278097

SampleCode	Client ID	Sample Type	Authorized Meds (1)	Sex (1)	Results
240910041-001	[redacted]	Blood & Urine	PBZ, Lasix	Gelding	NO VIOLATION
240910041-002	[redacted]	Blood & Urine	PBZ, Lasix	Gelding	NO VIOLATION
240910041-003	[redacted]	Blood & Urine	PBZ, Lasix	Not Provided	NO VIOLATION
240910041-004	[redacted]	Blood & Urine	PBZ, Lasix	Mare	NO VIOLATION
240910041-005	[redacted]	Blood & Urine	PBZ, Lasix	Colt	NO VIOLATION
240910041-006	[redacted]	Blood & Urine	PBZ, Lasix	Mare	NO VIOLATION
240910041-021	[redacted]	Blood Only	PBZ, Lasix	Gelding	NO VIOLATION

Methods : IL-DTS-M-003

6 Blood & Urine Samples, 1 Blood Only Sample, received in secure and good condition.

The results shown on this certificate of analysis apply only to the samples listed above.

(1) This information was provided by the submitting party

Digitally Signed By: **Abigail Fitches** Date: 09/17/2024

DTS Administrative Services - Authorized by Lab Director: Petra Hartmann

6116 E Warren Avenue, Denver, CO 80222, (303) 287-9691, www.industriallabs.net

Industrial Laboratories

CERTIFICATE OF ANALYSIS

Report # Rpt-241003018

Date of Report:
October 03, 2024

Nebraska Racing and Gaming Commission
[redacted]

FINAL POSITIVE REPORT

I hereby certify that The Industrial Laboratories Company has analyzed the sample identified below:

Sample ID:	[redacted]	Sample Type:	**Blood Only**
		Test Type:	**Post-Race***
Collected At:	[redacted]	Sex/Gender:	**Horse***
Collection Date:	[redacted]	Authorized Medication:	**Lasix, PBZ***

Date Received:	**September 24, 2024**	Seal Number:	**3278095***
Sample Condition:	**Acceptable/Secure**	Laboratory ID:	**240924027-009**

The sample was held for further testing based on the results of the screening tests conducted from: September 24, 2024 to October 1, 2024.

Confirmatory testing using Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS) gave the following result(s)**:

ADVERSE ANALYTICAL FINDING

Phenylbutazone confirmed in blood at 7.75 µg/mL. The measurement uncertainty of the method is 0.52 µg/mL at the threshold of 5 µg/mL.

Comment(s): No Hydrolysis

SIGNED:

Timothy R. Krueger

Senior Chemist

Date: 10/3/2024

** This information was provided by the submitting party*
*** Industrial Laboratories does not make any recommendations regarding follow-up actions in response to this result.*
Sample confirmed using Method(s): IL-DTS-S-002, IL-DTS-M-012

DATA PACKETS

Industrial Laboratories provides our clients with data packets that meet all the criteria set forth in our accreditation requirements:

As per the RMTC 2018 Laboratory Code:

“3.2.6.11 The Laboratory Documentation Package should be provided by the Laboratory only to the relevant result management authority upon request and should be provided within 10 working days of the request. Laboratory Documentation Packages shall contain material specified in the RMTC Technical Document on Laboratory Documentation Packages (Appendix C).”

Appendix C –Laboratory Documentation Packages shall be provided by the Laboratory as required by the External Quality Assurance Program (EQAP) or in support of an Adverse Analytical Finding. The package shall contain information documenting the items listed below. Additional information may be included to document an Adverse Analytical Finding. Deviations from this technical document shall not invalidate the Adverse Analytical Finding(s).

1. All Laboratory Documentation Packages generated by the Laboratory should meet the following formatting requirements:

• A cover page and a signed statement by the Laboratory Director or authorized delegate certifying that the documentation package contains authentic copies of original data, records, and forms;

• Sequentially numbered pages of the documentation package;

• Table of Contents;

• Presentation in a format that will allow proper review by relevant stakeholders;

• Data, charts, graphs, etc. adequately described.

All Laboratory Documentation Packages provided shall contain the following information:

• List of laboratory staff involved in the test, including signatures and/or initials and position title(s) (Each individual's complete signature/name can assist in interpreting the Laboratory Internal Chain of Custody record);

• External chain of custody record;

• Documentation of shipping and receipt of intact sample;

• Documentation linking sample identification number to laboratory identification number (if available);

• Test Sample Laboratory Internal Chain of Custody records;

• Urine analysis results for adulteration or manipulation as per 3.2.4.1 of this document, if completed (not applicable for blood). Page 51 of 55 RMTC Laboratory Accreditation Requirements and Operating Standards Version 3.0 January 2018

• Initial Testing Procedure Data

• Initial Testing Standard Operating Procedure and/or description;

• Initial Aliquot Laboratory Internal Chain of Custody record;

• Initial Testing Procedure results on negative control(s), positive control(s), and all sample Aliquot(s) related to the Adverse Analytical Finding;

• Documentation of any deviations from the written Initial Testing Procedures, if any;

• Instrument performance data from the same analytical run; used to verify instrument performance or operation during that run. Data utilized for this purpose shall include instrument performance report(s) and quality control sample data. [For example, tune report from a mass spectrometer or other instrument report; chromatographic performance verification samples, if any; and/or quality control data, if any. This does not refer to data generated at other times (e.g., validation data for the method)].

• Confirmation Procedure Data

• Confirmation Standard Operating Procedure and/or description;

• Confirmation Aliquot Laboratory Internal Chain of Custody record;

• Confirmation Procedure data on negative control(s), positive control(s), and all sample Aliquot(s) related to the Adverse Analytical Finding;

• Identification data and/or quantitative data and uncertainty estimation, if applicable; [A summary table is to be provided that compiles the necessary data and applicable criteria utilized to identify and/or determine the concentration of the target substance(s) to report an Adverse Analytical Finding or Atypical Finding.]

• Documentation of any deviations from the written Confirmation Procedures, if any; [For example, a change in the split ratio or a dilution of the derivatized sample due to sample overload in the GC-MS or LC-MS; application of an additional cleanup step; or an explanation for the reanalysis of the sample with a new Aliquot]; Page 52 of 55 RMTC Laboratory Accreditation Requirements and Operating Standards Version 3.0 January 2018

• Instrument performance data from the same analytical run; used to verify instrument performance or operation during that run. Data utilized for this purpose shall include instrument performance report(s) and quality control sample data; [For example, tune report from a mass spectrometer or other instrument report; chromatographic performance verification samples, if any; and/or quality control data, if any. This does not refer to data generated at other times (e.g., validation data for the method)];

• Laboratory Test Report. –

Please see the original document on the RMTC website at http://rmtcnet.com/wp-content/uploads/RMTC_Laboratory_Code_2018_Version_3.0.pdf

TESTIMONY

We agree to serve as an expert witness for the Commission and will provide consultation, testimony, and scientific references related to our adverse analytical findings. While testimony is most easily provided telephonically, we can make personal appearances as needed. Our senior laboratory staff is available for testimony, currently most testimony is provided by our Laboratory Director, Petra Hartmann, and our Senior Chemist, Tim Krueger. We encourage you to contact our clients regarding the quality of our testimony.

SUMMARY

We hope it is evident from our proposal that Industrial Laboratories strives to be the best animal testing laboratory option for our clients. We offer sound, accurate, defensible, and cost-effective testing and will always work hard to not only meet but exceed your expectations.

Industrial Laboratories will provide the Commission with timely results and outstanding customer service and communication. Our testing is conducted using validated methods, the highest quality standards, and we continuously seek improvement. We pledge to partner with you and actively assist you in managing medication use through testing, communication, and education.

The Industrial Laboratories Company is committed to staying at the forefront of veterinary drug abuse analysis. We invest significant resources to continuously develop new analytical methods and increase our knowledge of veterinary pharmacology and toxicology, and we are always prepared to aid the industry and our clients in solving analytical or pharmacological problems as they arise.

We appreciate your time and consideration in reviewing this proposal. If you have any questions, comments, or need clarification, please contact Petra Hartmann at phartmann@industriallabs.net or (720) 214-2020.

On behalf of the entire staff at Industrial Laboratories,

Petra Hartmann

Director

Drug Testing Services

accordance with its terms.

CL. BIDDER REQUIREMENTS

XXXIII. Bidder should provide a response to each of the following requirements in the space provided below.

1.	**Sample collection/processing/shipment**
	a. Provide samples, or photographs and descriptions of materials and equipment described in Section B. Sample Collection/Processing/Shipment.
XXXIV.	Bidder Response: **XXXV.** Please refer to pages 18-23, Sample Collection/Processing/Shipment, **XXXVI.** in Solicitation 120782 O5, Industrial Laboratories."
	b. Provide a copy of proposed training materials for NRGC staff on the collection, labeling, processing, management, packaging, and shipment of official samples.
XXXVII.	Bidder Response: **XXXVIII.** Please refer to page 23, Training, in Solicitation 120782 O5, Industrial Laboratories. **XXXIX.**
2.	**Facilities**
	a. Demonstrate adequate laboratory workspace and storage capabilities to meet the anticipated sample load to be submitted by NRGC and the Contractor's other clients. Photos are acceptable.
XL.	Bidder Response: **XLI.** Please refer to pages 25-31, Facilities, in Solicitation 120782 O5, Industrial Laboratories. **XLII.**
3.	**Accreditations**
	a. Disclose any deficiencies noted on the most recent accreditation (or re-accreditation) site inspection for both ISO 17025 and RMTC and provide documentation that said deficiencies have been remedied.
XLIII.	Bidder Response: **XLIV.** Please refer to pages 31-34, Accreditation, in Solicitation 120782 O5, Industrial Laboratories. **XLV.**
	b. Disclose if any accreditation has ever been suspended, revoked, or otherwise sanctioned. Provide the details of any sanction(s) and its resolution.
XLVI.	Bidder Response: **XLVII.** Industrial Laboratories' accreditation has never been suspended, revoked, or otherwise sanctioned. **XLVIII.**
4.	**Quality Control and Quality Assurance**
	a. Provide the preceding 90 day's history of internal blind sample analysis.
XLIX.	Bidder Response: **L.** Please refer to page 36, Internal Blind Analyses, in Solicitation 120782 O5, Industrial Laboratories. **LI.**
	b. Provide a full description of your internal quality control measures and affirm that it has a designated, qualified Quality Assurance/Quality Control officer having the requisite authority to remedy deficiencies identified.
LII.	Bidder Response: **LIII.** Please refer to pages 34-39, Quality Assurance and Quality Control, **LIV.** in Solicitation 120782 O5, Industrial Laboratories
	c. Identify the programs in which you participate, the number of EQAP samples it receives in a 12-month period and provide justification for the EQAPs in which it is enrolled.
LV.	Bidder Response: **LVI.** Please refer to pages 34-39, Quality Assurance and Quality Control, **LVII.** in Solicitation 120782 O5, Industrial Laboratories.
5.	**Historical information**
	a. Provide a history of your experience in analytic work relevant to the scope of work required by NRGC.
LVIII.	Bidder Response: **LIX.** Please refer to pages 5-9, Corporate Experience, in Solicitation 120782 O5, **LX.** Industrial Laboratories.
	b. Provide information related to the dismissal of any analytic findings related to failure in chain-of-custody, erroneous or inadequately documented analytic methods, data analysis error, or other event attributable.
LXI.	Bidder Response: **LXII.** Please refer to pages 34-39, Quality Assurance and Quality Control, in **LXIII.** Solicitation 120782 O5, Industrial Laboratories

	c. Provide information related to the dismissal of any analytic findings related to a reference Contractor's split sample analysis failing to support the primary Contractor's finding.
	LXIV. Bidder Response: **LXV.** Please refer to pages 34-39, Quality Assurance and Quality Control, in **LXVI.** Solicitation 120782 O5, Industrial Laboratories
	d. Provide information related to the determination by any hearing officer or quasi-judicial official that testimony provided by Contractor personnel was not credible.
	LXVII. Bidder Response: **LXVIII.** To the best of our knowledge, our testimony has never been deemed "not credible." **LXIX.**
6.	**Research**
	a. Provide a summary of your ongoing and completed research relevant to equine drug testing, the regulation of therapeutic medications, or the detection of banned substances in racehorse samples.
	LXX. Bidder Response: **LXXI.** Please refer to pages 53-55, Research and Development, in Solicitation 120782 O5, **LXXII.** Industrial Laboratories.
	b. Provide the activities of senior staff relevant to meetings and outreach with industry representatives, stakeholders, and licensees. Describe ongoing efforts to monitor analytical trends, gather intelligence, and identify substances representing emerging threats to the integrity of the sport and the safety of its participants.
	LXXIII. Bidder Response: **LXXIV.** Please refer to pages 53-55, Research and Development, in Solicitation 120782 O5, **LXXV.** Industrial Laboratories.
7.	**Value-added services**
	a. Describe any value-added services you intend to provide beyond those required in this RFP.
	LXXVI. Bidder Response: **LXXVII.** Please refer to page 51-52, Elective Testing-Targeted Analysis for Administered **LXXVIII.** Substances, in Solicitation 120782 O5.

TERMS AND CONDITIONS

Bidder should read the Terms and Conditions within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Terms and Conditions Within Section as Written” in the table below. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

1. The specific clause, including section reference, to which an exception has been taken;
2. An explanation of why the bidder took exception to the clause; and
3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Terms and Conditions Within Section as Written (Initial)	**Exceptions Taken to Terms and Conditions Within Section as Written (Initial)**	**Exceptions:** (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
		

The bidders should submit with their solicitation response any license, user agreement, service level agreement, or similar documents that the bidder wants incorporated in the Contract. The State will not consider incorporation of any document not submitted with the solicitation response as the document will not have been included in the evaluation process. These documents shall be subject to negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the Addendum to Contract Award has been negotiated and agreed to, the Addendum to Contract Award shall be interpreted as follows:

If only one (1) Party has a particular clause, then that clause shall control,
If both Parties have a similar clause, but the clauses do not conflict, the clauses shall be read together,
If both Parties have a similar clause, but the clauses conflict, the State’s clause shall control.

X. GENERAL

The contract resulting from this Solicitation shall incorporate the following documents:

Solicitation, including any attachments and addenda;
Questions and Answers;
Bidder’s properly submitted solicitation response, including any terms and conditions or agreements submitted by the bidder;
Addendum to Contract Award (if applicable);and
Amendments to the Contract. (if applicable)

These documents constitute the entirety of the contract.

XVI. Unless otherwise specifically stated in a future contract amendment, in case of any conflict between the incorporated documents, the documents shall govern in the following order of preference with number one (1) receiving preference over all other documents and with each lower numbered document having preference over any higher numbered document: 1) Amendment to the executed Contract with the most recent dated amendment having the highest priority, 2) Executed Contract and any attached Addenda 3) Addendums to the solicitation and any Questions and Answers, 4) the original solicitation document and any Addenda or attachments, and 5) the Vendor’s

VENDOR DUTIES

Bidder should read the Vendor Duties within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Vendor Duties Within Section as Written” in the table below. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

1. The specific clause, including section reference, to which an exception has been taken;
2. An explanation of why the bidder took exception to the clause; and
3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Vendor Duties Within Section as Written (Initial)	Exceptions Taken to Vendor Duties Within Section as Written (Initial)	**Exceptions:** (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
		

AU. INDEPENDENT VENDOR / OBLIGATIONS

It is agreed that the Vendor is an independent Vendor and that nothing contained herein is intended or should be construed as creating or establishing a relationship of employment, agency, or a partnership.

The Vendor is solely responsible for fulfilling the contract. The Vendor or the Vendor’s representative shall be the sole point of contact regarding all contractual matters.

The Vendor shall secure, at its own expense, all personnel required to perform the services under the contract. The personnel the Vendor uses to fulfill the contract shall have no contractual or other legal relationship with the State; they shall not be considered employees of the State and shall not be entitled to any compensation, rights or benefits from the State, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, severance pay, or retirement benefits.

By-name personnel commitments made in the bidder's solicitation response shall not be changed without the prior written approval of the State. Replacement of these personnel, if approved by the State, shall be with personnel of equal or greater ability and qualifications.

All personnel assigned by the Vendor to the contract shall be employees of the Vendor or a subcontractor and shall be fully qualified to perform the work required herein. Personnel employed by the Vendor or a subcontractor to fulfill the terms of the contract shall remain under the sole direction and control of the Vendor or the subcontractor respectively.

With respect to its employees, the Vendor agrees to be solely responsible for the following:

Any and all pay, benefits, and employment taxes and/or other payroll withholding,
Any and all vehicles used by the Vendor’s employees, including all insurance required by state law,
Damages incurred by Vendor’s employees within the scope of their duties under the contract,
Maintaining Workers’ Compensation and health insurance that complies with state and federal law and submitting any reports on such insurance to the extent required by governing law,
Determining the hours to be worked and the duties to be performed by the Vendor’s employees; and,
All claims on behalf of any person arising out of employment or alleged employment (including without limit claims of discrimination alleged against the Vendor, its officers, agents, or subcontractors or subcontractor’s employees).

IV. PAYMENT

Bidder should read the Payment clauses within this section and must initial either "Accept All Terms and Conditions Within Section as Written" or "Exceptions Taken to Payment clauses Within Section as Written" in the table below. If the bidder takes any exceptions, they must provide the following within the "Exceptions" field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

1. The specific clause, including section reference, to which an exception has been taken;
2. An explanation of why the bidder took exception to the clause; and
3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder's commercial contracts and/or documents for this solicitation.

Accept All Payment Clauses Within Section as Written (Initial)	Exceptions Taken to Payment Clauses Within Section as Written (Initial)	**Exceptions:** (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
		

A. PROHIBITION AGAINST ADVANCE PAYMENT (Nonnegotiable)

Pursuant to Neb. Rev. Stat. § 81-2403, "[n]o goods or services shall be deemed to be received by an agency until all such goods or services are completely delivered and finally accepted by the agency."

B. TAXES (Nonnegotiable)

The State is not required to pay taxes and assumes no such liability as a result of this Solicitation. The Vendor may request a copy of the Nebraska Department of Revenue, Nebraska Resale or Exempt Sale Certificate for Sales Tax Exemption, Form 13 for their records. Any property tax payable on the Vendor's equipment which may be installed in a state-owned facility is the responsibility of the Vendor.

C. INVOICES

Invoices for payments must be submitted by the Vendor to the agency requesting the services with sufficient detail to support payment. Invoices should be submitted monthly to the Nebraska Racing and Gaming Commission, 3401 Village Drive, Suite 100, Lincoln, Nebraska 68516. The invoice must include, but not limited to location of samples taken, the date samples were taken, the number of urine, blood, and urine/blood combination samples analyze with sample identification number, ETC. The terms and conditions included in the Vendor's invoice shall be deemed to be solely for the convenience of the parties. No terms or conditions of any such invoice shall be binding upon the State, and no action by the State, including without limitation the payment of any such invoice in whole or in part, shall be construed as binding or estopping the State with respect to any such term or condition, unless the invoice term or condition has been previously agreed to by the State as an amendment to the contract. The State shall have forty-five (45) calendar days to pay after a valid and accurate invoice is received by the State.

D. INSPECTION AND APPROVAL

Final inspection and approval of all work required under the contract shall be performed by the designated State officials.

The State and/or its authorized representatives shall have the right to enter any premises where the Vendor or Subcontractor duties under the contract are being performed, and to inspect, monitor or otherwise evaluate

the work being performed. All inspections and evaluations shall be at reasonable times and in a manner that will not unreasonably delay work.

E. PAYMENT (Nonnegotiable)

Payment will be made by the responsible agency in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. § 81-2403). The State may require the Vendor to accept payment by electronic means such as ACH deposit. In no event shall the State be responsible or liable to pay for any goods and services provided by the Vendor prior to the Effective Date of the contract, and the Vendor hereby waives any claim or cause of action for any such goods or services.

F. LATE PAYMENT (Nonnegotiable)

The Vendor may charge the responsible agency interest for late payment in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §§ 81-2401 through 81-2408).

G. SUBJECT TO FUNDING / FUNDING OUT CLAUSE FOR LOSS OF APPROPRIATIONS (Nonnegotiable)

The State's obligation to pay amounts due on the Contract for fiscal years following the current fiscal year is contingent upon legislative appropriation of funds. Should said funds not be appropriated, the State may terminate the contract with respect to those payments for the fiscal year(s) for which such funds are not appropriated. The State will give the Vendor written notice thirty (30) calendar days prior to the effective date of termination. All obligations of the State to make payments after the termination date will cease. The Vendor shall be entitled to receive just and equitable compensation for any authorized work which has been satisfactorily completed as of the termination date. In no event shall the Vendor be paid for a loss of anticipated profit.

H. RIGHT TO AUDIT (First Paragraph is Nonnegotiable)

The State shall have the right to audit the Vendor's performance of this contract upon a thirty (30) days' written notice. Vendor shall utilize generally accepted accounting principles, and shall maintain the accounting records, and other records and information relevant to the contract (Information) to enable the State to audit the contract. (Neb. Rev. Stat. § 84-304 et seq.) The State may audit, and the Vendor shall maintain, the Information during the term of the contract and for a period of five (5) years after the completion of this contract or until all issues or litigation are resolved, whichever is later. The Vendor shall make the Information available to the State at Vendor's place of business or a location acceptable to both Parties during normal business hours. If this is not practical or the Vendor so elects, the Vendor may provide electronic or paper copies of the Information. The State reserves the right to examine, make copies of, and take notes on any Information relevant to this contract, regardless of the form or the Information, how it is stored, or who possesses the Information. Under no circumstance will the Vendor be required to create or maintain documents not kept in the ordinary course of Vendor's business operations, nor will Vendor be required to disclose any information, including but not limited to product cost data, which is confidential or proprietary to Vendor.

The Parties shall pay their own costs of the audit unless the audit finds a previously undisclosed overpayment by the State. If a previously undisclosed overpayment exceeds one-half of one percent (.5%) of the total contract billings, or if fraud, material misrepresentations, or non-performance is discovered on the part of the Vendor, the Vendor shall reimburse the State for the total costs of the audit. Overpayments and audit costs owed to the State shall be paid within ninety (90) days of written notice of the claim. The Vendor agrees to correct any material weaknesses or condition found as a result of the audit.

BIDDER MUST COMPLETE THE FOLLOWING

By signing this Contractual Agreement Form, the bidder guarantees compliance with the provisions stated in this solicitation and agrees to the terms and conditions unless otherwise indicated in writing and certifies that bidder is not owned by the Chinese Communist Party.

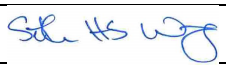
Per Nebraska's Transparency in Government Procurement Act, Neb. Rev Stat § 73-603, DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska Vendors. This information is for statistical purposes only and will not be considered for contract award purposes.

_____ NEBRASKA VENDOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Vendor. "Nebraska Vendor" shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this Solicitation. All vendors who are not a Nebraska Vendor are considered Foreign Vendors under Neb. Rev Stat § 73-603 (c).

_____ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. § 73-107 and wish to have preference, if applicable, considered in the award of this contract.

_____ I hereby certify that I am a blind person licensed by the Commission for the Blind & Visually Impaired in accordance with Neb. Rev. Stat. § 71-8611 and wish to have preference considered in the award of this contract.

FORM MUST BE SIGNED MANUALLY IN INK OR BY DOCUSIGN

BIDDER:	The Industrial Laboratories Company, Inc.
COMPLETE ADDRESS:	6116 E Warren Ave, Denver, CO 80222
TELEPHONE NUMBER:	303-287-9691
FAX NUMBER:	
DATE:	January 7, 2025
SIGNATURE:	
TYPED NAME & TITLE OF SIGNER:	Seth Wong, President

CURRICULUM VITAE

Petra Hartmann

A. **CURRENT TITLE / AFFILIATION**

Laboratory Director, Drug Testing Services
Industrial Laboratories Co.

B. Address

6116 E Warren Ave
Denver, CO 80222

(303) 287-9691 and (303) 287-0964 (Fax)
(720) 214-2020
e-mail: phartmann@industriallabs.net

C. Education

Master of Science (Pharmacy / Forensic Drug Chemistry)
2007
University of Florida – Gainesville, FL

Bachelor of Arts (Chemistry)
2004
Metropolitan State College of Denver – Denver, CO

Associates of Applied Science (Medical Laboratory Technology)
1983
Pikes Peak Institute of Medical Technology – Colorado Springs, Co

Professional Certification

Association of Official Racing Chemists
Fellow

D. Work History

Industrial Laboratories (2001 – Current)
Denver, CO
Director, Drug Testing Services

Industrial Laboratories (1995 – 2001)
Wheatridge, CO
Manager, Drug Testing Services

Industrial Laboratories (1987 – 1995)
Wheatridge, CO
Analyst, Drug Testing Services

Dr's Albath and Riegel Medical Reference Laboratory (1984-1987)
Wiesbaden, Germany
Medical Laboratory Technician - Endocrinology, Microbiology, Serology

Dr. F. Sojitrawalla (1983-1984)
Wiesbaden, Germany
Medical Laboratory Technician - Nuclear Medicine, Immunoassay

E. Publications

"Fast and Sensitive Chiral Analysis of Amphetamines and Cathinones in Equine Urine and Plasma using Liquid Chromatography Tandem Mass Spectrometry"
Caroline Wang, Petra Hartmann-Fischbach, Tim Krueger, Alisha Lester, Aaron Simonson, Terry Wells, Max Wolk, Nick Hidlay
American Journal of Analytical Chemistry, December 2015

"Opiorphin Analysis in Equine Plasma and Urine Using Hydrophilic Interaction Liquid Chromatography Mass Spectrometry"
Caroline C. Wang, Petra Hartmann-Fischbach, Tim R. Krueger, Terry L. Wells, Aaron Simonson, Joanne C. Compton
Bioanalysis, acccepted for publication in 2015

"Fast and Sensitive Analysis of Dermorphin and HYP^{6}-dermorphin in equine plasma using Liquid Chromatography Tandem Mass Spectrometry"
Caroline C. Wang*, Petra Hartmann-Fischbach, Tim R. Krueger, Terry L. Wells, Amy R.Feineman, Joanne C. Compton
Drug Testing and Analysis. 2014, 6, 342–349

"Rapid and Sensitive Analysis of 3,4-Methylenedioxypyrovalerone in Equine Plasma using Liquid Chromatography-Tandem Mass Spectrometry"
Caroline C. Wang*, Petra Hartmann-Fischbach, Tim R. Krueger, Terry L. Wells, Amy R. Feineman, Joanne C. Compton
Journal of Analytical Toxicology. 2012, 36:327-333

"Compounded Phenylbutazone Powder: Content and Dosing Concerns"
David W. Ramey*, Petra Hartmann, Timothy Krueger, Marcia Small, Terry Wells
Journal of Equine Veterinary Science. 2007, 27:1:5-7

F. Professional Activities

Member, NTRA Medication Committee (2019)

Member, Non-Ex Officio, Executive Board of the Association of Official Racing Chemists (2018)

President, Americas Section of the Association of Official Racing Chemists (2017)
Member, Lab Procurement Advisory Subcommittee, Racing Medication and Testing Consortium (2014)

Member, Scientific Advisory Committee, Racing Medication and Testing Consortium

(2013-current)

Member (Chemist's representative), Horse Testing Laboratory Committee, Racing Medication and Testing Consortium (2013-current)

Presentation: "Equine Drug Testing", Regulatory Vets Continuing Education, Gulfstream Park, February 2019.

Presentation: "Emerging Designer Drugs", AQHA Meeting, Los Alamitos Racetrack, October 2018

Presentation: "Detecting and Confirming a New Doping Agent", Organization of Racing Investigators, Minneapolis, MN; March 2013

Presentation: "Collaborative Efforts to assist Racetrack Practitioners in establishing Therapeutic Medication Withdrawal Guidelines and avoid unnecessary Medication Violations", Philadelphia, PA, September 2012
Vice-Chair, Testing Integrity Program (program now defunct)

Poster Presentation: "A Novel and Efficient Screen for Stimulants and Beta-2- Agonists from Various Nutritional Supplements by Liquid Chromatography Tandem Mass Spectrometry", 56th ASMS Conference, Denver, Colorado, 2008.

Presentation "Drug Testing Horses and Greyhounds", Organization of Racing Investigators, Oklahoma City, OK, March 2007.

Conference Organizer and Host, Southwestern Association of Toxicologists, Spring 2000

CURRICULUM VITAE

Karen L'Empereur,
PH.D.

A. CURRENT TITLE / AFFILIATION

Senior Scientist, Drug Testing Services
Industrial Laboratories Co.

B. Address

6116 E. Warren Ave
Denver, CO 80222

(303) 287-9691 and (303) 287-0964 (Fax)
(720) 214-2016
e-mail: klempereur@industriallabs.net

C. Education

Ph.D (Analytical / Natural Products Chemistry)
1989
Colorado State University – Fort Collins, CO

Bachelor of Science (Chemistry)
1983
St. Norbert College - DePere, WI

Professional Certification
Association of Official Racing Chemists
Affiliate Member
2017

D. Work History

Industrial Laboratories (2015 – Current)
Denver, CO
Senior Scientist, Drug Testing Services

Cordant Health Solutions (2013 – 2015)
Denver, CO
Quality Manager

Cordant Health Solutions (2012 – 2013)
Denver, CO
Method Development Chemist

Pyxant Labs, Inc. (2012)

Colorado Springs, CO
Program Manager
JRF America (2010-2012
Audubon, PA
Senior Group Leader

Critical Path Services, LLC (2003-2010)
Wilmington, DE
Senior Research Scientist and Laboratory Manager

Battlelle Memorial Institute (2002-2003)
Bel Air, MD
Principal Research Scientist

Dupont Company (1989-2001)
Wilmington, DE
Senior Research Chemist

E. Publications

L'Empereur K, Stadalius M, et.al. "A method for the low level (ng/g) determination of perfluorooctanoate in carpet by LC-MS-MS using matrix- extracted standards," J.Chrom.Sci., 46(7) (2008)

Stadalius, M., Connolly, P., L'Empereur, K., et.al. "Low Level Determination of Perfluorooctanoic acid (PFOA) in Paper and Textile by LC-MS/MS," J. of Chrom. A, 1123 (1) (2006)

Hagglund, K.M., L'Empereur, K., et.al. "Latifoline and latifoline-N-oxide from Hackelia floribunda, the Western False Forget-Me-Not," J. Natural Products, 48:638 (1985)

Stermitz, F.R., and L'Empereur, K.M., "Identity of 'subalcine N-oxide' with 1-beta- 2-beta-epoxy-1-alpha-hydroxymethyl-8-alpha-pyrrolizidine," Tet. Letters 29:4943 (1988)

L'Empereur, K.M., Li, Y., et.al. "Pyrrolizidine alkaloids from Hackelia californica (Boraginaceae) and Gnophaela latipennis, an H. californica-hosted moth," J. of Natural Products, 52:360 (1989).

F. Professional Activities

Poster Presentations:

"A Method for the Analysis of Atrazine, Simazine, S-Metolachlor, and Atrazine Metabolites in Water Samples Collected by Polar Organic Chemical Integrative Sampler", EAS (2011).

"Development and validation of analytical methods for the low-level determination of perfluorooctanoic acid (PFOA) in paper, textile, and carpet by LC-MS/MS", Fluoros (2005)

"Method validation of two methods developed for the determination of perfluorooctanoic acid (PFOA) in paper, textile, and carpet by LC-MS/MS", Dioxin 2005 (2005).

CURRICULUM VITAE

Timothy Krueger

A. **CURRENT TITLE / AFFILIATION**

Manager / Senior Chemist, Drug Testing Services
Industrial Laboratories Co.

B. Address

6116 E Warren Ave
Denver, CO 80222

(303) 287-9691 and (303) 287-0964 (Fax)
(720) 214-2032
e-mail: tkrueger@industriallabs.net

C. Education

Bachelor of Science (Biology)
2001
Jamestown College – Jamestown, ND

Professional Certification

Association of Official Racing Chemists
Professional Member
2011

D. Work History

Industrial Laboratories **(2016 – Current)**
Wheatridge, CO
Manager / Senior Chemist, Drug Testing Services

Industrial Laboratories (2006 – 2016)
Wheatridge, CO
Supervisor, Drug Testing Services

Industrial Laboratories (2004 – 2006)
Wheatridge, CO
Analyst, Drug Testing Services

Industrial Laboratories (2003 – 2004)
Wheatridge, CO
Analyst, Microbiology

E. Publications

"Fast and Sensitive Chiral Analysis of Amphetamines and Cathinones in Equine Urine and Plasma using Liquid Chromatography Tandem Mass Spectrometry"

Caroline Wang, Petra Hartmann-Fischbach, Tim Krueger, Alisha Lester, Aaron Simonson, Terry Wells, Max Wolk, Nick Hidlay
American Journal of Analytical Chemistry, December 2015

"Opiorphin Analysis in Equine Plasma and Urine Using Hydrophilic Interaction Liquid Chromatography Mass Spectrometry"
Caroline C. Wang, Petra Hartmann-Fischbach, Tim R. Krueger, Terry L. Wells, Aaron Simonson, Joanne C. Compton
Bioanalysis, acccepted for publication in 2015

"Fast and Sensitive Analysis of Dermorphin and HYP^6-dermorphin in equine plasma using Liquid Chromatography Tandem Mass Spectrometry"
Caroline C. Wang*, Petra Hartmann-Fischbach, Tim R. Krueger, Terry L. Wells, Amy R.Feineman, Joanne C. Compton
Drug Testing and Analysis. 2014, 6, 342–349

"Rapid and Sensitive Analysis of 3,4-Methylenedioxypyrovalerone in Equine Plasma using Liquid Chromatography-Tandem Mass Spectrometry"
Caroline C. Wang*, Petra Hartmann-Fischbach, Tim R. Krueger, Terry L. Wells, Amy R. Feineman, Joanne C. Compton
Journal of Analytical Toxicology. 2012, 36:327-333

"Compounded Phenylbutazone Powder: Content and Dosing Concerns"
David W. Ramey*, Petra Hartmann, Timothy Krueger, Marcia Small, Terry Wells
Journal of Equine Veterinary Science. 2007, 27:1:5-7

F. Professional Activities

Equine Hair Analysis Workshop
University of California – Davis
2016

Erythropoietin Confirmation Workshop
Pennsylvania Equine Toxicology and Research Laboratory – West Chester, PA
2013

Poster Presentation: "A Novel and Efficient Screen for Stimulants and Beta-2- Agonists from Various Nutritional Supplements by Liquid Chromatography Tandem Mass Spectrometry", 56th ASMS Conference - Denver, CO
2008

CURRICULUM VITAE

Michael Oviatt

A. **CURRENT TITLE / AFFILIATION**

Department Manager, Drug Testing Services
Industrial Laboratories Co.

B. Address

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C. Education

Bachelor of Science (Chemistry)
2010
Metropolitan State University of Denver – Denver, CO

Professional Certification

Association of Official Racing Chemists
Professional Member
2018

D. Work History

Industrial Laboratories (2021 – Current)
Denver, CO
Department Manager, Drug Testing Services

Industrial Laboratories (2016 – Current)
Wheatridge, CO
Racing Chemist, Drug Testing Services

Cordant Health Solutions (2011 – 2015)
Denver, CO
Analytical Chemist II / Equipment Specialist

Infinity Laboratories (2015 – 2016)
Castle Rock, CO
Analytical Chemist II

E. **Professional Activities**

TCO2 workshop

CURRICULUM VITAE

Andrea Jones

A. **CURRENT TITLE / AFFILIATION**

Administrative/Screening Laboratory Supervisor
Drug Testing Services
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C. Education

Bachelor of Science (Evolutionary Anthropology)
2016
University of Michigan - Ann Arbor, MI

D. Work History

Industrial Laboratories (2017 – Current)
Wheatridge, CO
Administrative/Screening Laboratory Supervisor, Drug Testing Services

Industrial Laboratories (2016 – 2017)
Wheatridge, CO
Analyst/Admin Support Analyst, Drug Testing Services

Pathology Associates Medical Laboratories (2015 – 2016)
Lakewood, CO
Clinical Laboratory Accessioner, Colorado Laboratory Services

University of Michigan Dining (2011-2014)
Ann Arbor, MI
Student Coordinator

University of Michigan Dept. of Chemistry/Dept. of Biology (2010 – 2013)
Ann Arbor, MI
Student (Organic and Inorganic experiments, Centrifuge, Thin-layer chromatography, Column chromatography, Antibiotic resistance, ELISA)

CURRICULUM VITAE

Abigail Fitches

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Login Supervisor, Drug Testing Services
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C. Education

Chatfield Senior High School, Diploma
2006
Littleton, CO

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Sample Accessioner, Drug Testing Services

LabCorp: Laboratory Corporation of America (2016-2022)
Englewood, CO
Sample Accessioner

CURRICULUM VITAE

Annabelle N. Rivest

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Racing Analyst, Drug Testing Services
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C. Education

Bachelor of Science Degree (Chemistry)
2022
Regis University – Denver, CO

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Racing Analyst, Drug Testing Services

Admiralty Environmental (2021)
Juneau, AK
Laboratory Technician

CURRICULUM VITAE

Bridget Robinson

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C. Education

Bachelor of Arts Degree (Chemistry)
2020
Metropolitan State University – Denver, CO

D. Work History

Industrial Laboratories (2021 – Current)
Denver, CO
Racing Analyst, Drug Testing Services

Parallon HCA (2019-2021)
Denver, CO
Registrar II

Metropolitan State University
Denver, CO
Student

CURRICULUM VITAE

Camden Bien

A. **CURRENT TITLE / AFFILIATION**

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C. Education

Bachelor of Science Degree (Medicinal Plant Chemistry)
2021
Northern Michigan University– Marquette, MI

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Racing Analyst, Drug Testing Services

Test America (2021-2022)
Denver, CO
Metals Analyst I

CURRICULUM VITAE
Cameron Dittman

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C. Education

Bachelor of Arts Degree (Psychology)
2014
University of Colorado – Boulder, CO

D. Work History

Industrial Laboratories (2021 – Current)
Denver, CO
Racing Analyst, Drug Testing Services

Self Employed – Total Coverage Painting (2000-2015)
Arvada, CO
Owner

CURRICULUM VITAE

Ian Kassner

A. CURRENT TITLE / AFFILIATION

Shipping and Logistics Specialist, Drug Testing Services
Industrial Laboratories Co.

B. Address

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C. Education

Bachelor of Science (Animal & Veterinary Science)
2016
University of Wyoming – Laramie, WY

D. Work History

Industrial Laboratories (2019 to 2022)
Denver, CO
Analyst, Drug Testing Services

Industrial Laboratories (2018 – 2019)
Wheat Ridge, CO
Lab Technician, Drug Testing Services

UW Parking and Transit (2017 – 2018)
Laramie, Wyoming
Driver

CURRICULUM VITAE
Lynsey Douglass

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C. Education

Bachelor of Science Degree (Forensic Chemistry)
2017
University of Mississippi – Oxford, MS

D. Work History

Industrial Laboratories (2021 – Current)
Denver, CO
Racing Chemist, Drug Testing Services

Remediation Products Inc. (2018-2021)
Golden, CO
Laboratory Analyst

CURRICULUM VITAE
Logan Drill

A. **CURRENT TITLE / AFFILIATION**

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C. Education

Bachelor of Science Degree (Biotechnology)
2021
Minnesota State University – Mankato, MN

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Racing Chemist, Drug Testing Services

Midwest Extraction Services (2021-2022)
Waseca, MN
Analytical Chemist

US Army (2016-2019)
Arden Hills, MN
Civil Affairs Specialist

CURRICULUM VITAE
Lisa Hardy

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C. Education

Bachelor of Science Degree (Environmental Science)
2012
Metropolitan State University – Denver, CO

D. Work History

Industrial Laboratories (2021 – Current)
Denver, CO
Racing Chemist, Drug Testing Services

Remediation Products Inc. (2018-2021)
Golden, CO
Laboratory Analyst

SGS Accutest Laboratores (2014-2016)
Colorado
Laboratory Analyst

CURRICULUM VITAE
Michelle Samaras

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e-mail: msamaras@industriallabs.net

C. Education

Bachelor of Science Degree (Criminalistics)
2017
Metropolitan State University – Denver, CO

D. Work History

Industrial Laboratories (2021 – Current)
Denver, CO
Racing Chemist, Drug Testing Services

Insight Laboratories (2015-2020)
Golden, CO
Laboratory Supervisor

Unipath (2014-2015)
Denver, CO
Medical Laboratory Assistant

CURRICULUM VITAE

Nicole Pike

A. **CURRENT TITLE / AFFILIATION**

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C. Education

Bachelor of Arts Degree in Chemistry
2011
University of Central Florida – Orlando, FL

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Racing Chemist, Drug Testing Services

Ellipse Analytics (2022-2022)
Denver, CO
Laboratory Manager

Ellipse Analytics (2022-2022)
Denver, CO
Senior Chemist

Ellipse Analytics (2019-2022)
Denver, CO
Quality Deputy

Ellipse Analytics (2018-2019)
Denver, CO
Analyst

Ellipse Analytics (2017-2018)
Denver, CO
Lab Technician

CURRICULUM VITAE

Phillip Kelly

A. **CURRENT TITLE / AFFILIATION**

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e-mail: pkelly@industriallabs.net

C. Education

Bachelor of Science Degree (Chemistry)
2019
University of Wyoming – Laramie, WY

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Racing Analyst, Drug Testing Services

Horizon Discovery (2019-2022)
Lafayette, CO
Associate Scientist

University of Wyoming (2019)
Laramie, WY
Undergraduate Research Assistant

CURRICULUM VITAE

Randy Scarzo

A. **CURRENT TITLE / AFFILIATION**

Sample Racing Analyst, Drug Testing Services
Industrial Laboratories Co.

B. Address

6116 E Warren Ave
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Email: rscarzo@industriallabs.net

C. Education

Bachelor of Science Degree in Biomedical Sciences
2014
Central Michigan University- Mount Pleasant, MI

D. Work History

Industrial Laboratories (2022 – Current)
Denver, CO
Racing Analyst, Drug Testing Services

Agricor Laboratories (2020-2022)
Denver, CO
Analytical Chemist II

TEQ Analytical Laboratories (2018-2020)
Aurora, CO
Analytical Chemist

Environmental Resource Associates, A Waters Company (2015-2018)
Golden, CO
Chemistry Technician

CURRICULUM VITAE

Stephen Cantrell

A. **CURRENT TITLE / AFFILIATION**

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e-mail: scantrell@industriallabs.net

C. Education

Bachelor of Science Degree (Forensic Science)
2009
Pennsylvania State University - State College, PA

Professional Certification

Association of Official Racing Chemists
Professional Member
2017

D. Work History

Industrial Laboratories (2015 – Current)
Denver, CO
Racing Chemist, Drug Testing Services

Cordant Health Solutions (2012 – 2015)
Denver, CO
Validation Specialist, Quality Control (2014-2015)
Analytical Chemist, Confirmation (2012-2014)

MPI Research (2010 – 2012)
State College, PA
Research Chemist, Bioanalytical

E. Professional Activities

Equine Hair Analysis Workshop
University of California – Davis
2016

COST PROPOSAL

Request for Proposal 120782 O5

Bidder Name: Industrial Laboratories

Prices submitted on a cost per sample analysis.

		Initial Period Year 1	*Initial Period Year 2*	*Optional Renewal One - Year 3*	*Optional Renewal Two - Year 4*	*Optional Renewal Three - Year 5*	*Optional Renewal Four - Year 6*	*Optional Renewal Five - Year 7*
1.	Paired (blood and urine) post-race sample subjected to analysis	*$* 131.00	*$* 135.00	*$* 139.00	*$* 143.00	*$* 147.00	*$* 152.00	*$* 156.00
2.	Single matrix (blood only) post-race sample subjected to analysis	*$* 110.00	*$* 113.00	*$* 117.00	*$* 120.00	*$* 124.00	*$* 128.00	*$* 131.00
3.	Veterinarian's List: Single matrix (blood only) sample subjected to analysis	*$* 110.00	*$* 113.00	*$* 117.00	*$* 120.00	*$* 124.00	*$* 128.00	*$* 131.00
Analysis of confiscated, or otherwise acquired substances (Substance/Unknowns)								
4.	Analysis of substances with list of labeled ingredients, (RMTC Protocol for Verification of Label Ingredients)	*$* 200.00	*$* 206.00	*$* 213.00	*$* 219.00	*$* 225.00	*$* 232.00	*$* 239.00
5.	Analysis of substances lacking a list of label ingredients, (RMTC Unknown Sample Protocol)	*$* 200.00	*$* 206.00	*$* 213.00	*$* 219.00	*$* 225.00	*$* 232.00	*$* 239.00