



# CERTIFICATE OF ACCREDITATION

## ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

### Truesdail Laboratories, Inc.

3337 Michelson Drive, Suite CN-750  
Irvine, CA 92612

has been assessed by ANAB and meets the requirements of international standard

## ISO/IEC 17025:2017

and the

## ILAC G7:02/2016 Accreditation Requirements and Operating Criteria for Horseracing Laboratories

while demonstrating technical competence in the field of

## TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AT-1408

Certificate Number



ANAB Approval

Certificate Valid Through: 12/01/2021  
Version No. 008 Issued: 11/22/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
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).



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017 and  
ILAC-G7:02/2016 for Horseracing Test Laboratories<sup>3</sup>**

**Truesdail Laboratories, Inc.**

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**TESTING**

Valid to: **December 01, 2021**

Certificate Number: **AT-1408**

**Chemical**

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique                               | Items, Materials or Product Tested | Key Equipment or Technology   |
|---|--|------------------------------------|-------------------------------|
| ELISA                                     | In-House Methods and Manufacturer's Instructions<br>ILAC-G7:02/2016 <sup>3</sup> | Biological Material <sup>2</sup>   | Immunoassay Kits and Reader   |
| TCO2                                      | In-House Methods and Manufacturer's Instructions<br>ILAC-G7:02/2016 <sup>3</sup> | Biological Material <sup>2</sup>   | Direct CO2 Reading Instrument |
| Specific Gravity                          | In-House Methods and Manufacturer's Instructions<br>ILAC-G7:02/2016 <sup>3</sup> | Biological Material <sup>2</sup>   | Refractometer                 |
| Liquid Chromatography, Various Detectors  | In-House Methods<br>ILAC-G7:02/2016 <sup>3</sup>                                 | Biological Material <sup>2</sup>   | HPLC                          |
| Instrumental Screen                       | In-House Methods<br>ILAC-G7:02/2016 <sup>3</sup>                                 | Biological Material <sup>2</sup>   | GC/MS                         |
| Instrumental Screen                       | In-House Methods<br>ILAC-G7:02/2016 <sup>3</sup>                                 | Biological Material <sup>2</sup>   | LC/MS                         |
| Drug Confirmation                         | In-house Methods<br>ILAC-G7:02/2016 <sup>3</sup>                                 | Biological Material <sup>2</sup>   | GC/MS<br>LC/MS                |

**Chemical**

| <b>Specific Tests and/or Properties Measured</b> | <b>Specification, Standard, Method, or Test Technique</b>                        | <b>Items, Materials or Product Tested</b>                                     | <b>Key Equipment or Technology</b>   |
|--|--|---|--------------------------------------|
| Trace Metals                                     | In-House Methods and Manufacturer's Instructions<br>ILAC-G7:02/2016 <sup>3</sup> | Biological Material <sup>2</sup><br>Cannabis and Cannabis Products            | ICP-OES<br>ICP/MS                    |
| pH   | In-House Methods and Manufacturer's Instructions<br>ILAC-G7:02/2016 <sup>3</sup> | Biological Material <sup>2</sup>  | pH Meter                             |
| Liquid Chromatography, Various Detectors         | In-House Methods   | Nutritional Supplements   | HPLC                                 |
| Instrumental Screen                              | In-House Methods   | Nutritional Supplements   | GC/MS                                |
| Instrumental Screen                              | In-House Methods   | Nutritional Supplements   | LC/MS                                |
| Confirmation of Chemical Identity                | In-house Methods   | Nutritional Supplements   | GC/MS<br>LC/MS                       |
| Phthalates                                       | CPSC-CH-C1001-09.3   | Textiles, Toys, Juvenile Products and Child Care Products including Packaging | GC/MS                                |
| Lead and other Metals                            | NSF/ANSI 61 & 372, EPA Methods, In-House Methods                                 | Plumbing Products   | ICP-OES<br>ICP/MS                    |
| Organics   | NSF/ANSI 61, EPA Methods, In house Methods                                       | Plumbing Products   | GC/MS<br>LC/MS<br>HPLC               |
| Anions, Cations, Hexavalent Chromium, Inorganics | NSF/ANSI 61, EPA Methods   | Plumbing Products   | Ion Chromatograph, Spectrophotometer |
| Fungus Resistance Testing                        | MIL-STD-810 Method 508<br>RTCA/DO-160 Section 13                                 | Rubber, Plastic and Metal Components  | Fungus Chamber                       |
| Potency, Cannabinoids                            | In-House Methods   | Cannabis and Cannabis Products  | HPLC                                 |

**Chemical**

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|---|--|------------------------------------|-----------------------------|
| Residual Solvents                         | In-House Method                                    | Cannabis and Cannabis Products     | GC FID/MS                   |
| Terpenes                                  | In-House Method                                    | Cannabis and Cannabis Products     | GC FID/MS                   |
| Moisture                                  | Loss on Drying/Karl Fisher                         | Cannabis and Cannabis Products     | Oven/Titrator               |
| Water Activity                            | In-House Method                                    | Cannabis and Cannabis Products     | Hygrometer                  |

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1408.
2. Testing for performance enhancing or performance altering drugs in urine, blood, or other fluid or tissue from Horses, Dogs, Camels, Sheep, Cattle, other domestic animals, or Humans and various feed supplements, seized materials, or syringe contents as requested.
3. ILAC-G7:02/2016 Accreditation Requirements and Operating Criteria for Horseracing Laboratories.



Vice President

