



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Pure Labs, LLC**  
4165 W. Clarendon Ave.  
Phoenix, AZ 85019

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 30 January 2022  
Certificate Number: AT-2844



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**

**Pure Labs, LLC**

4165 W. Clarendon Ave.  
Phoenix, AZ 85019

Barbara Dow 623-334-9194  
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**TESTING**

Valid to: **January 30, 2022**

Certificate Number: **AT-2844**

**Microbiological**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Viable Aerobic Bacteria	Pure Labs SOP 01-01 Pure Labs SOP 01-05	Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp	PCR/Microarray Analysis
Total Yeast and Mold	Pure Labs SOP 01-01 Pure Labs SOP 01-05	Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp	PCR/Microarray Analysis
Total Coliforms	Pure Labs SOP 01-01 Pure Labs SOP 01-05	Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp	PCR/Microarray Analysis
Total Bile-Tolerant Gram Negative Bacteria	Pure Labs SOP 01-01 Pure Labs SOP 01-05	Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp	PCR/Microarray Analysis
E. Coli (O157)	Pure Labs SOP 01-01 Pure Labs SOP 01-05	Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp	PCR/Microarray Analysis
Salmonella	Pure Labs SOP 01-01 Pure Labs SOP 01-05	Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp	PCR/Microarray Analysis

### Microbiological

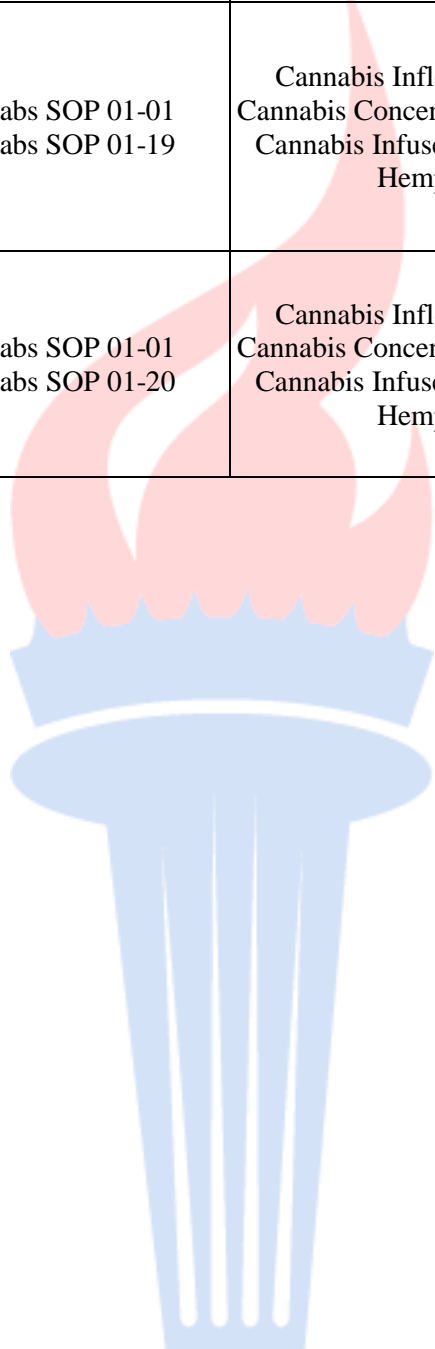
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<p>Aspergillus</p> <ul style="list-style-type: none"> <li>Aspergillus flavus</li> <li>Aspergillus fumigatus</li> <li>Aspergillus niger</li> <li>Aspergillus terreus</li> </ul>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-05</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>PCR/Microarray Analysis</p>

### Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<p>Water Activity</p>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-06</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>Aw Meter</p>
<p>Moisture Content</p>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-07</p>	<p>Cannabis Inflorescence Hemp</p>	<p>Moisture Balance</p>
<p>Foreign Material</p>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-10</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>Visual Inspection Stereo Microscope</p>
<p>Terpenes</p> <ul style="list-style-type: none"> <li>Alpha Bisabolol</li> <li>Alpha Humulene</li> <li>Alpha Terpinene</li> <li>Beta Caryophyllene</li> <li>Carene</li> <li>Cis Nerolidol</li> <li>Gamma Terpinene</li> <li>Geraniol</li> <li>Guaiol</li> <li>Isopulegol</li> <li>Limonene</li> <li>Linalool</li> <li>Ocimene</li> <li>p-Cymene</li> <li>Terpinolene</li> <li>Trans Nerolidol</li> </ul>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-04</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>HS-GC-FID</p>

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<p style="text-align: center;">Mycotoxins</p> <ul style="list-style-type: none"> <li>• Aflatoxin-B1</li> <li>• Aflatoxin-B2</li> <li>• Aflatoxin-G1</li> <li>• Aflatoxin-G2</li> <li>• Ochratoxin A</li> </ul>	<p style="text-align: center;">Pure Labs SOP 01-01 Pure Labs SOP 01-19</p>	<p style="text-align: center;">Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p style="text-align: center;">LC-MS-MS</p>
<p style="text-align: center;">Metals</p> <ul style="list-style-type: none"> <li>• Arsenic</li> <li>• Cadmium</li> <li>• Mercury</li> <li>• Lead</li> </ul>	<p style="text-align: center;">Pure Labs SOP 01-01 Pure Labs SOP 01-20</p>	<p style="text-align: center;">Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p style="text-align: center;">ICP-MS</p>



**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<p>Residual Solvents</p> <ul style="list-style-type: none"> <li>• Acetone</li> <li>• Acetonitrile</li> <li>• Benzene</li> <li>• (Butanes) Isobutane</li> <li>• (Butanes) n-Butane</li> <li>• Chloroform</li> <li>• 1,2 Dichloroethane</li> <li>• Ethanol</li> <li>• Ethyl Acetate</li> <li>• Ethyl Ether</li> <li>• (Hexanes) 2,2-dimethylbutane</li> <li>• (Hexanes) 2,3-dimethylbutane</li> <li>• (Hexanes) 2-methylpentane</li> <li>• (Hexanes) 3-methylpentane)</li> <li>• (Hexanes) n-Hexane</li> <li>• Isopropanol</li> <li>• Isopropyl Acetate</li> <li>• Methanol</li> <li>• Methylene Chloride</li> <li>• n-Heptane</li> <li>• (Pentanes) Isopentane</li> <li>• (Pentanes) neo-Pentane</li> <li>• (Pentanes) Pentane</li> <li>• Propane</li> <li>• Toluene</li> <li>• Trichloroethane</li> <li>• (Xylenes) 1,2 dimethylbenzene [o-Xylene]</li> <li>• (Xylenes) 1,3 &amp; 1,4 dimethylbenzene [p/m-Xylene]</li> <li>(Xylenes) ethyl benzene</li> </ul>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-09</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>HS-CC-MS</p>

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<p>Potency (Cannabinoids)</p> <ul style="list-style-type: none"> <li>• Cannabidivarinic Acid (CBDV-A)</li> <li>• Cannabichromene (CBC)</li> <li>• Cannabichromenic Acid (CBC-A)</li> <li>• Cannabicyclol (CBL)</li> <li>• Cannabicyclolic Acid (CBL-A)</li> <li>• Cannabidiol (CBD)</li> <li>• Cannabidiolic acid (CBD-A)</li> <li>• Cannabidivarin (CBDV)</li> <li>• Cannabigerol (CBG)</li> <li>• Cannabigerolic acid (CBG-A)</li> <li>• Cannabinol (CBN)</li> <li>• Cannabinolic Acid (CBN-A)</li> <li>• Tetrahydrocannabivarin (THCV)</li> <li>• Tetrahydrocannabivarin Acid (THCV-A)</li> <li>• Δ8-Tetrahydrocannabinol (THC-Δ8)</li> <li>• Delta-9-Tetrahydrocannabinol (Δ9-THC)</li> <li>• Tetrahydrocannabinolic Acid (THC-A)</li> </ul>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-02 Pure Labs SOP 01-03 Pure Labs SOP 01-11</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>HPLC-PDA</p>



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<p>Pesticides and Herbicides</p> <ul style="list-style-type: none"> <li>• Abamectin</li> <li>• Acephate</li> <li>• Acequinocyl</li> <li>• Acetamiprid</li> <li>• Aldicarb</li> <li>• Azoxystrobin</li> <li>• Bifenazate</li> <li>• Bifenthrin</li> <li>• Boscalid</li> <li>• Carbaryl</li> <li>• Carbofuran</li> <li>• Chloantraniliprole</li> <li>• Chlorfenapyr</li> <li>• Chlorpyrifos</li> <li>• Clofentezine</li> <li>• Cyfluthrin</li> <li>• Cypermethrin</li> <li>• Daminozide</li> <li>• Diazinon</li> <li>• Dichlorvos</li> <li>• Dimethoate</li> <li>• Ethoprophos</li> <li>• Etofenprox</li> <li>• Etoxazole</li> <li>• Fenoxycarb</li> <li>• Fenpyroximate</li> <li>• Fipronil</li> <li>• Flonicamid</li> <li>• Fludioxonil</li> <li>• Hexythiazox</li> <li>• Imazalil</li> <li>• Imidacloprid</li> <li>• Kresoxym-methyl</li> <li>• Malathion</li> <li>• Metalaxyl</li> <li>• Methiocarb</li> <li>• Methomyl</li> <li>• Myclobutanil</li> <li>• Naled</li> <li>• Oxamyl</li> <li>• Paclobutrazol</li> <li>• Pendimethalin</li> </ul>	<p>Pure Labs SOP 01-01 Pure Labs SOP 01-19</p>	<p>Cannabis Inflorescence Cannabis Concentrate/Extract Cannabis Infused Products Hemp</p>	<p>LC-MS-MS</p>
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**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<ul style="list-style-type: none"> <li>• Permethrin cis</li> <li>• Permethrin trans</li> <li>• Phosmet</li> <li>• Piperonyl Butoxide</li> <li>• Prallethrin</li> <li>• Propiconazole</li> <li>• Propoxur</li> <li>• Pyrethrin Cinerin I</li> <li>• Pyrethrin Jasmolin I</li> <li>• Pyrethrin Pyrethrin I</li> <li>• Pyridaben</li> <li>• Spinosyn A</li> <li>• Spinosyn D</li> <li>• Spiromefesin</li> <li>• Spirotetramat</li> <li>• Spiroxamine</li> <li>• Tebuconazole</li> <li>• Thiacloprid</li> <li>• Thiamethoxam</li> <li>• Trifloxystrobin</li> </ul>			

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2844.



R. Douglas Leonard Jr., VP, PILR SBU