



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Black Labs LLC
9030 S. Rita Rd., Suite 320
Tucson, AZ 85747

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.

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 28 February 2025

Certificate Number: AT-3321



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

Black Labs LLC

9030 S. Rita Rd., Suite 320
 Tucson, AZ 85747
 Usman Karriem
ukarriem@azblacklabs.com

TESTING

Valid to: **February 28, 2025**

Certificate Number: **AT-3321**

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Salmonella	Internal SOP-BL1-012	Hemp Cannabis and Cannabis Infused Products	qPCR Pathogen Dx
Aspergillus niger Aspergillus fumigatus Aspergillus terreus Aspergillus flavus	Internal SOP-BL1-012	Hemp Cannabis and Cannabis Infused Products	qPCR Pathogen Dx
E. coli	Internal SOP-BL1-009	Hemp Cannabis and Cannabis Infused Products	Petrifilm

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cannabinoid Potency: <ul style="list-style-type: none"> • Cannabidiol (CBD) • Cannabidiolic acid (CBDA) • Delta-9-THC • THCA-A 	Internal SOP: SOP-BL1-001	Cannabis - inhalable, edible, topical, extract products	HPLC

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Heavy Metals: <ul style="list-style-type: none"> • Arsenic • Cadmium • Lead • Mercury 	Internal SOP: SOP-BL1-007	Cannabis (e.g. Cannabis inhalable, edible, extract products)	ICP-MS
Residual Solvents: <ul style="list-style-type: none"> • Acetone • Acetonitrile • Benzene • n-Butane • iso-Butane • Chloroform • Dichloromethane • Ethanol • Ethyl Acetate • Diethyl Ether • Heptane • n-Hexane • 3-methylpentane • 2,2-dimethylpentane • Hexane Isomers (2,3-dimethylpentane, methylpentane) • Isopropyl Acetate • Methanol • n-Pentane • neo-Pentane • 2-Propanol (IPA) • Toluene • m&p-Xylenes • o-Xylene • Ethylbenzene 	Internal SOP: SOP-BL1-010	Food, Cosmetics, & Cannabis (e.g. dairy/meat/grains/produce/fat s/oils, topical products, Cannabis inhalable, edible, extract products)	GC-MS



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<p>Pesticides:</p> <ul style="list-style-type: none"> • Abamectin B1a • Acephate • Acetamiprid • Aldicarb • Azoxystrobin • Bifenazate • Bifenthrin • Boscalid • Carbaryl • Carbofuran • Chlorantraniliprole • Chlorfenapyr • Chlorpyrifos • Cis-Permethrins • Clofentezine • Cyfluthrin • Cypermethrin • Daminozide • Diazinon • Chemical • Dichlorvos • Dimethoate • Ethoprophos • Etofenprox • Etoxazole • Fenoxycarb • Fenpyroximate • Fipronil • Flonicamid • Fludioxonil • Hexythiazox • Imazalil • Imidacloprid • Kresoxim-methyl • Malathion • Metalaxyl • Methiocarb 	<p>Internal SOP: SOP-BL1-004</p>	<p>Food, Cosmetics, & Cannabis (e.g. dairy/meat/grains/produce/fat s/oils, topical products, Cannabis inhalable, edible, extract products)</p>	<p>LC-QQQ</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
Pesticides (continued) <ul style="list-style-type: none"> • Methomyl • Myclobutanil • Naled • Oxamyl • Paclobutrazol • Phosmet • Piperonyl butoxide • Prallethrin • Propiconazole • Propoxur • Pyrethrins • Pyridaben • Spinosads • Spiromesifin • Spirotetramat • Spiroxamine • Tebuconazole • Thiacloprid • Thiamethoxam • Trans-Permethrins • Trifloxystrobin 	Internal SOP: SOP-BL1-004	Food, Cosmetics, & Cannabis (e.g. dairy/meat/grains/produce/fat s/oils, topical products, Cannabis inhalable, edible, extract products)	LC-QQQ
Mycotoxins <ul style="list-style-type: none"> • Aflatoxin (Total B1, B2, G1, G2) • Ochratoxin A 	Internal SOP: SOP-BL1-013	Cannabis Infused Oils	ELISA

Environmental Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Heavy Metals: <ul style="list-style-type: none"> • Aluminum • Antimony • Arsenic • Barium • Beryllium • Cadmium • Chromium, Total • Cobalt • Copper • Mercury • Lead • Manganese • Molybdenum • Nickel • Selenium • Silver • Thallium • Vanadium • Zinc 	Internal SOP: SOP-BL1-018 EPA 200.8	Water, Critical Water, High Purity Water Type 1,2,3	ICP-MS
Turbidity	Internal SOP: SOP-BL1-020	Water, Critical Water, High Purity Water Type 1,2,3	Turbidimeter
Total Coliform E.coli	Internal SOP: SOP-BL1-017 SM 9223b	Water, Critical Water, High Purity Water Type 1,2,3	Colitag (ONPG-MUG)

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-3321.



Jason Stine, Vice President