



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Desert Valley Testing

51 W. Weldon Ave.
Phoenix, AZ 85013

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.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 15 January 2022
Certificate Number: AT-2837



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

Desert Valley Testing

51 W. Weldon Ave.
Phoenix, AZ 85013

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TESTING

Valid to: **January 15, 2022**

Certificate Number: **AT-2837**

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)• Cannabigerolic Acid (CBGA)• Cannabigerol (CBG)• Cannabidiol (CBD)• Tetrahydrocannabivarin (THCV)• Cannabinol (CBN)• Tetrahydrocannabinol (THC)• Δ^8-Tetrahydrocannabinol (Δ^8-THC)• Cannabichromene (CBC)• Tetrahydrocannabinolic Acid (THCA)	DVTSOP-003; HPLC Determination of Cannabinoids	Cannabis and Hemp 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 <ul style="list-style-type: none"> Propane Isobutane n-Butane Neopentane Methanol Isopentane n-Pentane Ethanol Diethyl Ether Acetone 2,2-Dimethylbutane Isopropanol Acetonitrile Dichloromethane 2,3-Dimethylbutane 2-Methylpentane 3-Methylpentane n-Hexane Ethyl Acetate Chloroform Benzene Isopropyl Acetate n-Heptane Toluene Ethyl Benzene m- and p-Xylenes o-Xylene 	DVT SOP-004; Residual Solvents by GCMS	Cannabis and Hemp Products	GCMS (Headspace)
Heavy Metals <ul style="list-style-type: none"> Arsenic Cadmium Lead Mercury 	DVT SOP-035 Analysis of Select Heavy Metals by ICP-MS	Cannabis and Hemp Products	ICP-MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Pesticides and Herbicides <ul style="list-style-type: none"> • Abamectin • Acephate • Acequinocyl • Acetamiprid • Aldicarb • Azoxystrobin • Bifenazate • Bifenthrin • Boscalid • Carbaryl • Carbofuran • Chlorantraniliprole • Chlorfenapyr • Chlorpyrifos • Clofentezine • Cyfluthrin • Cypermethrin • Daminozide • DDVP (Dichlorovos) • Diazinon • Dimethoate • Ethoprophos • Etofenprox • Etoxazole • Fenoxycarb • Fenpyroximate • Fipronil • Flonicamid • Fludioxonil • Hexythiazox 	DVTSOP-011 Determination of Pesticides and Herbicides by LC-TQMS	Cannabis and Hemp Products	LC-MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Pesticides and Herbicides (Continued) <ul style="list-style-type: none"> • Imazalil • Imidacloprid • Kresoxim-Methyl • Malathion • Metalaxyl • Methiocarb • Methomyl • Myclobutanil • Naled • Oxamyl • Paclobutrazol • Pendimethalin • Permethrins • Phosmet • Piperonyl Butoxide • Prallethrin • Propiconazole • Propoxur • Pyrethrins • Pyridaben • Spinosad • Spiromesifen • Spirotetramat • Spiroxamine • Tebuconazole • Thiacloprid • Thiamethoxam • Trifloxystrobin 	DVTSOP-011 Determination of Pesticides and Herbicides by LC-TQMS	Cannabis and Hemp Products	LC-MS

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Salmonella	DVTSOP-024 SenSATIVAx™ and qPCR PathoSEEK™ Methods	Cannabis and Hemp Products	PCR
E. coli	DVTSOP-024 SenSATIVAx™ and qPCR PathoSEEK™ Methods	Cannabis and Hemp Products	PCR
Aspergillus <ul style="list-style-type: none"> <i>Aspergillus flavus</i> <i>Aspergillus fumigatus</i> <i>Aspergillus niger</i> <i>Aspergillus terreus</i> 	DVTSOP-024 SenSATIVAx™ and qPCR PathoSEEK™ Methods	Cannabis and Hemp Products	PCR
Mycotoxins	DVTSOP-032 Determination of Aflatoxins and Ochratoxin by ELISA	Cannabis and Hemp Products	Elisa

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2837.



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