



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

US CANNALYTICS LLC  
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Bethlehem, PA 18017  
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CHEMICAL

Valid To: February 28, 2022

Certificate Number: 5470.02

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with A2LA's *R243 - Specific Requirements - Cannabis Testing Laboratory Accreditation Program*, containing the ASA (Americans for Safe Access) Laboratory Requirements which is derived from the *2016 American Herbal Products Association (AHPA) Recommendations for Regulators – Cannabis Operations*), accreditation is granted to this laboratory to perform the following tests on cannabis, cannabis concentrates, and cannabis-infused products:

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Cannabinoid Content/Potency by HPLC-DAD: CBDVA CBDV CBDA CBGA CBG CBD THCV THCVA CBN CBNA 9-THC 8-THC CBC THCA CBCA CBL CBLA	TM 111
Heavy Metals by ICP-MS: Mercury Lead Cadmium Arsenic	TM 104
Moisture Content by Moisture Balance	TM 105
Mycotoxins by LC-MS/MS:	TM 100

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Aflatoxin B1, B2, G1, G2 Ochratoxin A	
Pesticides by LC-MS/MS: Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Cyfluthrin Cypermethrin Daminozide DDVP Diazinon Dimethoate Dimethomorph 1 Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Piperonyl Butoxide Prallethrin Propiconazole Propoxur Pyridaben Spinetoram Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Dimethomorph 2 Ethoprophos Etofenprox Etoxazole Fenhaxamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Methiocarb Methomyl	TM 100



<u>Test/Technology(ies)</u>	<u>Test Method</u>
Mgk-264 1 Mgk-264 2 Myclobutanil Oxamyl Pacllobutrazol Permethrin, cis Permethrin, trans Phosmet Spinosad A Spinosad D Spirotetramat Spiroxamine Spiromesifen Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	
Residual Solvents by HS-GC-MS: Butane Ethanol	TM 110
Terpenes by HS-GS-MS 3-Carene Camphene Carophyllene oxide Eucalyptol gamma-Terpinene Geraniol Guaiol Isopulegol Limonene Linalool Menthol Nerolidol 2 Nerolidol 2 Ocimene 1 Ocimene 2 p-Cymene Terpinolene α-bisabolol α-humulene α-pinene α-terpinene β-Caryophyllene β-myrcene β-pinene	TM 102



Water Activity by Water Activity Meter	TM 106
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BIOLOGICAL

<b><u>Test/Technology(ies)</u></b>	<b><u>Test Method</u></b>
Foreign Material by Visual Inspection	TM 107
Total Aerobic Microbial Count (TAMC) by qPCR and Charm TAMC Indicator Plates®	TM 112 & TM 101
Total Yeast and Mold Count (TYMC) by qPCR and Charm TYMC Indicator Plates®	TM 112 & TM 101
<i>Salmonella</i> and <i>E. coli</i> Presence/Absence by qPCR	TM 112
<i>Salmonella</i> by XLD Agar Incubation	TM 103
<i>Escherichia coli</i> by Charm <i>E. coli</i> Indicator Plates®	TM 101
<i>Bile Tolerant Gram-Negative Bacteria (BTGN)</i> by qPCR	TM 112
<i>Bile Tolerant Gram-Negative (BTGN)</i> by Charm <i>Enterobacteriaceae</i> Indicator Plates®	TM 101





# Accredited Laboratory

A2LA has accredited

## US CANNALYTICS LLC

*Bethlehem, PA*

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 A2LA R243 – *Specific Requirements – Cannabis 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 23<sup>rd</sup> day of January 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 5470.02  
Valid to February 28, 2022

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