



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DEIBEL BIOSCIENCE OF CALIFORNIA, LLC
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Santa Cruz, CA 95060
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CHEMICAL

Valid To: November 30, 2023

Certificate Number: 6034.03

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 Operations¹*), accreditation is granted to this laboratory to perform the following tests on cannabis, inhalable cannabis products, and non-inhalable cannabis products:

<u>Test Type (Technology)</u>	<u>In-House Method</u>
Cannabinoids (HPLC) CBD CBDA CBG CBN THC THCA	DBS-SOP-7801
Heavy Metals (ICP/MS) Arsenic Cadmium Lead Mercury	DBS-SOP-7802
Moisture (Gravimetry)	DBS-SOP-7812
Residual Pesticide and Mycotoxin (LC-MS/MS) Abamectin Acephate Acequinocyl Acetamiprid Aflatoxin (B1, B2, G1, G2) Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Captan Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos	DBS-SOP-7803

<u>Test Type (Technology)</u>	<u>In-House Method</u>
Cinerin (I, II) cis-Chlordane Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide Diazinon Dichlorvos Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxinil Hexythiazox Imazalil Imidacloprid Jasmolin (I, II) Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl parathion Mevinphos Myclobutanil Naled Ochratoxin A Oxamyl Paclobutrazole Pentachloronitrobenzene Permethrin Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrin (I, II) Pyridaben Spinetoram (J, L) Spinosyn (A, D) Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiachloprid Thiamethoxam trans-Chlordane Trifloxystrobin	
Residual Solvent and Processing Chemicals (HS-GC-FID-MS) 1,2-Dichloroethane	DBS-SOP-7806



<u>Test Type (Technology)</u>	<u>In-House Method</u>
Acetone Acetonitrile Benzene Butane Chloroform Ethanol Ethyl acetate Ethyl ether Ethylene oxide Heptane Hexane Isopropyl alcohol Methanol Methylene chloride Pentane Propane Toluene Trichloroethylene Xylenes (ortho, meta, para)	
Water Activity	DBS-SOP-7810

BIOLOGICAL

<u>Test Type</u>	<u>In-House Method</u>
Pathogenic <i>Aspergillus</i> spp. (qPCR) <i>A. fumigatus</i> <i>A. flavus</i> <i>A. niger</i> <i>A. terreus</i>	DBS-SOP-4590
<i>Salmonella</i> spp. (qPCR)	DBS-SOP-4600
STEC (qPCR)	DBS-SOP-4580

SAMPLING

<u>Test Type</u>	<u>In-House Method</u>
Cannabis and Cannabis Products	DBS-QM-SOP-505

¹Accreditation does not imply acceptance to the ASA PFC program. Please see the ASA website (<https://safeaccess2.org/patientfocusedcertification/companies>) for a listing of ASA PFC certified laboratories.





Accredited Laboratory

A2LA has accredited

DEIBEL BIOSCIENCE OF CALIFORNIA, LLC

Santa Cruz, CA

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 of 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 16th day of November 2021.

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

Vice President, Accreditation Service
For the Accreditation Council
Certificate Number 6034.03
Valid to November 30, 2023

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