CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Hidrolab Colombia Limitada

**Autopista Medellin Km 2.5 Via parcelas de Cota Km 1.3
Conjunto de Bodegas AEPI BG 3A
Cota-Cundinamarca, Colombia**

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.

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Jason Stine, Vice President

Expiry Date: 07 May 2025

Certificate Number: AT-2978

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Hidrolab Colombia Limitada

Autopista Medellin Km 2.5 Via parcelas de Cota Km 1.3
Conjunto de Bodegas AEPI BG 3A
Cota-Cundinamarca, Colombia

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TESTING

Valid to: **May 7, 2025**   Certificate Number: **AT-2978**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Metals • Arsenic • Cadmium • Mercury • Lead • Antimony • Barium • Cobalt • Copper • Chrome • Tin • Lithium • Molybdenum • Nickel • Vanadium	USP NF 43<232>; USP NF 43<233>	Dried flower, extract, and derivatives of cannabis	ICP-MS
Potency	PFQ-CB-001 Procedure of potency and profile of cannabinoids in dried flower by HPLC with PDA - Version 0	Dried flower, extract, and derivatives of cannabis	Theoretical calculation

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cannabinoid Profile • Cannabichromene (CBC) • Cannabicyclol acid (CBLA) • Cannabicyclol (CBL) • Cannabidiol (CBD) • Cannabidiolic acid (CBDA) • Cannabidivarin (CBDV) • Cannabidivarinic acid (CBDVA) • Cannabigerol (CBG) • Cannabigerolic acid (CBGA) • Cannabinol (CBN) • Tetrahydrocannabivarin (THCV) • $\Delta8$-tetrahydrocannabinol ($\Delta8$-THC) • $\Delta9$-tetrahydrocannabinol ($\Delta9$-THC) • $\Delta9$ tetrahydrocannabinolic acid (THCA-A)	PFQ-CB-001 Procedure of potency and profile of cannabinoids in dried flower by HPLC with PDA - Version 0	Dried flower, extract and derivates of cannabis	HPLC-PDA
Foreign material	PFQ-CB-007 Procedure of determination of foreign material in dried flower of cannabis – Version 0	Dried flower of cannabis	Visual aspect

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Activity of Water	PFQ-CB-003 Procedure of determination of humidity and activity water in dried flower of cannabis – Version 2	Dried flower of cannabis	Measuring equipment activity water
Moisture	PFQ-CB-003 Procedure of determination of humidity and activity water in dried flower of cannabis – Version 2	Dried flower of cannabis	Oven, Balance
Moisture	AOAC 925.10-1925 Solids (total) and loss drying (moisture)	Derivatives of cannabis	Oven, Balance
Mycotoxins • Ochratoxin A • Aflatoxin B1 • Aflatoxin B2 • Aflatoxin G1 • Aflatoxin G2 • Aflatoxin (B1, B2, G1, G2)	PFQ-CB-002 Procedure for the determination of pesticides and mycotoxins in dried flower, extracts, and derivatives of cannabis by UHPLC/MS/MS Version 1	Dried flower, extracts, and derivatives of cannabis	UHPLC-MS/MS
Solvents • 1,2-Dichloroethane • Isopropyl alcohol • Ethyl acetate • Acetone • Acetonitrile • Benzene • Chloroform • Methylene Chloride (Dichloromethane) • Diethyl ether (Ethyl Ether) • Ethanol • Methanol	PFQ-CB-005 Procedure for the determination of solvents in cannabis extract and derivatives by GC-MS with headspace - Version 0	Extract and derivatives of cannabis	GC-Mass with headspace

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvents (continued) • n-Heptane • n-Hexane • n-Pentane • Toluene • Trichloroethylene • m-p Xylenes • O-Xylenes	PFQ-CB-005 Procedure for the determination of solvents in cannabis extract and derivatives by GC-MS with headspace - Version 0	Extract and derivatives of cannabis	GC-Mass with headspace
Terpenes • (-)-beta-Pinene • (-)-Guaiol • (-)-Isopulegol • (-) α-Bisabolol • Camphene • d-Limonene • Geraniol • Linalool • Cis Nerolidol • Trans Nerolidol • Ocimene • p-Isopropyltoluene (p-cymene) • α-Terpineol • γ-Terpineol • Terpinolene • α-Humulene • α-Pinene • α-Terpinene • β-Caryophyllene • β-Myrcene • γ-Terpinene • Carene • Sabinene • p-Mentha-1,5-diene • Trans-β-ocimen	PFQ-CB-006 Procedure of determination of terpenes in cannabis and derivatives product by GC-Mass with headspace - Version 0	Dried flower, extract, and derivatives of cannabis	GC-MS with headspace

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Terpenes (continued) • 1,8-Cineole (Eucalyptol) • Sabinene hydrate • Fenchone • Fenchyl alcohol • Camphor • Isoborneol • Hexahydrothymol • Borneol • Nerol • (+)-Pulegone • Geranyl acetate • α-Cedrene • Valencene • (-)-Caryophyllene oxide • (+)-Cedrol	PFQ-CB-006 Procedure of determination of terpenes in cannabis and derivatives product by GC-MS with headspace - Version 0	Dried flower, extract, and derivatives of cannabis	GC-MS with headspace
Pesticides • Abamectin • Acephate • Acequinocyl • Acetamiprid • Aldicarb • Allethrin • Azadirachtin • Azoxystrobin • Benzovindiflupyr • Bifenazate • Bifenthrin • Boscalid • Buprofezin • Captan • Carbaryl • Carbofuran • Chlorantraniliprole	PFQ-CB-002 Procedure for the determination of pesticides and mycotoxins in dried flower, extracts, and derivatives of cannabis by UHPLC/MS/MS Version 1	Dried flower, extracts, and derivatives of cannabis	UHPLC-MS/MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Pesticides (continued) • Chlordane • Chlorphenapyr • Chlorpyrifos • Clofentezine • Clothianidin • Coumaphos • Cyantranilipole • Cyfluthrin • Cypermethrin • Cyprodinil • Daminozide • Deltamethrin • Diazinon • Dichlorvos • Dimethoate • Dimethomorph • Dinotefuran • Dodemorph • Endosulfan Sulfate • Endosulfan-alpha • Endosulfan-beta • Ethoprop(hos) • Etofenprox • Etoxazole • Etridiazol • Fenhexamid • Fenoxycarb • Fenpyroximate • Fensulfothion	PFQ-CB-002 Procedure for the determination of pesticides and mycotoxins in dried flower, extracts, and derivatives of cannabis by UHPLC/MS/MS Version 1	Dried flower, extracts, and derivatives of cannabis	UHPLC-MS/MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Pesticides (continued) • Fenthion • Fenvalerate • Fipronil • Flonicamid • Fludioxonil • Fluopyram • Hexythiazox • Imazalil • Imidacloprid • Iprodione • Kinoprene • Kresoxim-methyl • Malathion • Metalaxyl • Methiocarb • Methomyl • Methoprene • Methyl parathion • Mevinphos • MGK-264 • Myclobutanil • Naled • Novaluron • Oxamyl • Paclobutrazol • Permethrin • Phenothrin • Phosmet • Piperonyl butoxide • Pirimicarb • Prallethrin • Propiconazole • Propoxur	PFQ-CB-002 Procedure for the determination of pesticides and mycotoxins in dried flower, extracts, and derivatives of cannabis by UHPLC/MS/MS Version 1	Dried flower, extracts, and derivatives of cannabis	UHPLC-MS/MS

Chemical

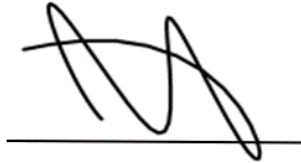| Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Pesticides (continued) • Pyraclostrobin • Pyrethrins • Pyridaben • Quintozene • Resmethrin • Spinetoram • Spinosad • Spirodiclofen • Spiromesifen • Spirotetramat • Spiroxamine • Tebuconazole • Tebufenozide • Teflubenzuron • Tetrachlorvinphos • Tetramethrin • Thiacloprid • Thiamethoxam • Thiophanate-methyl • Trifloxystrobin	PFQ-CB-002 Procedure for the determination of pesticides and mycotoxins in dried flower, extracts, and derivatives of cannabis by UHPLC/MS/MS Version 1	Dried flower, extracts, and derivatives of cannabis	UHPLC-MS/MS

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Aspergillus spp	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Microscope Presence/Absence
Gram negative bacteria resistant to bile	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Multiples tubes (MPN)
Escherichia coli	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Presence / Absence
Molds and Yeasts	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Plate count
Pseudomonas aeruginosa	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Presence / Absence, PCR

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total bacteria count	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Plate count
Salmonella Spp	USP NF 43 Chapter <61> and <62>	Dried flower, extract, and derivatives of cannabis	Presence / Absence, PCR

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2978.

Jason Stine, Vice President