

Certificate of Analysis

Final Product: Cannabidiol Isolate

Lot Number: L24031009

Date of Manufacture: March 2024 Expiration: March 2026



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To view the certificate of analysis for this product, scan the QR code or visit coa.milehighlabs.com and enter the lot number.



AT A GLANCE

Organoleptics **Passed** Potency **Passed** Residual Solvents **Passed** Elemental Impurities **Passed** Mycotoxins **Passed** Microbials **Passed** Pesticides **Passed**

Test	Methodology	Specification	Test Results	Pass/Fail
Color and Appearance	TM-004 ¹ / Contract Lab ²	White, crystalline powder free of particulates	Conforms	PASS
CBD Potency (% w/w)	(% w/w) Contract Lab ²	≥ 98.0%	99.1%	PASS
THC Content (% w/w)	THC(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
	THCA(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
	Total (THC + THCA* 0.877)(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
Related Cannabinoid Content (w/w)	CBN(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
	d8-THC(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
	THCVA(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
	THCV(% w/w) Contract Lab ²	≤ 0.050%	ND	PASS
	CBC(% w/w) Contract Lab ²	Report	ND	PASS
	CBDA(% w/w) Contract Lab ²	Report	ND	PASS
	CBDVA(% w/w) Contract Lab ²	Report	ND	PASS
	CBDV(% w/w) Contract Lab ²	Report	0.42%	PASS
	CBGA(% w/w) Contract Lab ²	Report	ND	PASS
	CBG(% w/w) Contract Lab ²	Report	ND	PASS
	CBL(% w/w) Contract Lab ²	Report	ND	PASS
	CBCA(% w/w) Contract Lab ²	Report	ND	PASS
	Total (Sum of all observed RCs) (% w/w) Calculated ³	Report	0.42%	PASS
Total Cannabinoids (CBD plus total RCs)(%w/w)	(% w/w) Calculated ³	Report	99.5%	PASS
Residual Solvents	Acetone Contract Lab ²	< 1000 ppm	ND	PASS
	Benzene Contract Lab ²	< 2 ppm	ND	PASS
	Butanes Contract Lab ²	< 1,000 ppm	ND	PASS
	Ethanol Contract Lab ²	< 1000 ppm	ND	PASS
	Ethyl Acetate Contract Lab ²	< 1,000 ppm	ND	PASS
	Heptanes Contract Lab ²	< 1,000 ppm	178 ppm	PASS
	Hexane Contract Lab ²	< 60 ppm	ND	PASS
	Isopropyl Alcohol Contract Lab ²	< 1,000 ppm	ND	PASS
	Methanol Contract Lab ²	< 600 ppm	ND	PASS
	Pentane Contract Lab ²	< 1000 ppm	ND	PASS
	Propane Contract Lab ²	< 1000 ppm	ND	PASS
	Toluene Contract Lab ²	< 180 ppm	ND	PASS
	Total Xylenes (m, p, o-xylenes) Contract Lab ²	< 430 ppm	ND	PASS

Specification: FP-001 Revision: v16.0

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Test	Methodology	Specification	Test Results	Pass/Fail	
Elemental Impurities	Arsenic	Contract Lab ²	< 1.0 ppm	ND	PASS
	Cadmium	Contract Lab ²	< 0.4 ppm	ND	PASS
	Lead	Contract Lab ²	< 0.5 ppm	ND	PASS
	Mercury	Contract Lab ²	< 0.2 ppm	ND	PASS
Mycotoxins	B ₁ (AFB ₁)	Contract Lab ²	< 2 ppb	ND	PASS
	B ₂ (AFB ₂)	Contract Lab ²	< 0.5 ppb	ND	PASS
	G ₁ (AFG ₁)	Contract Lab ²	< 0.5 ppb	ND	PASS
	G ₂ (AFG ₂)	Contract Lab ²	< 0.5 ppb	ND	PASS
	Ochratoxin A	Contract Lab ²	< 1.0 ppb	ND	PASS
	Total (B ₁ +B ₂ +G ₁ +G ₂)	Contract Lab ²	< 4 ppb	ND	PASS
Microbials	Salmonella spp.	Contract Lab ²	Absent in 25 g	Absent / 25g	PASS
	Shiga-toxin Producing E. Coli	Contract Lab ²	Absent in 25 g	Absent / 25g	PASS
	Total coliforms	Contract Lab ²	< 100 cfu/g	< 10 cfu/g	PASS
	Total aerobic plate count	Contract Lab ²	< 10,000 cfu/g	< 100 cfu/g	PASS
	Total yeast and mold	Contract Lab ²	< 1,000 cfu/g	< 10 cfu/g	PASS
Pesticides	Individual Pesticide Content	Contract Lab ²	Individual Pesticide Limit ⁴	Conforms	PASS

¹MHL in-house method.

²All contract lab testing is performed by labs that are ISO 17025 and CDPHE certified.

³Calculations performed by MHL Quality.

⁴Refer to tables below for individual pesticides and associated limits. All limits listed as "Report" are required to be below the LOQ of the contract lab for that analyte.

Residual Pesticide Limits (ppm)

Abamectin	< 0.25	Cypermethrin	Report	Fipronil	< 0.01	Permethrin	Report	Tetramethrin	Report
Acephate	< 0.05	Cyprodinil	< 0.01	Flonicamid	< 0.025	Phenothrin	Report	Thiabendazole	Report
Acequinocyl	Report	Daminozide	Report	Fludioxonil	< 0.01	Phosmet	Report	Thiacloprid	< 0.01
Acetamiprid	< 0.05	Deltamethrin	Report	Fluopyram	< 0.01	Piperonyl Butoxide	< 1.25	Thiamethoxam	< 0.01
Aldicarb	< 0.5	Diazinon	Report	Hexythiazox	Report	Pirimicarb	< 0.01	Thiophanate-methyl	Report
Allethrin	< 0.1	Dichlorvos	< 0.05	Imazalil	< 0.01	Prallethrin	Report	Trifloxystrobin	< 0.01
Atrazine	Report	Dimethoate	< 0.01	Imidacloprid	< 0.01	Propiconazole	Report		
Azadirachtin	< 0.5	Dimethomorph	Report	Iprodione	< 0.50	Propoxur	< 0.01		
Azoxystrobin	< 0.01	Dinotefuran	< 0.05	Kinoprene	< 1.25	Pyraclostrobin	< 0.01		
Benzovindiflupyr	< 0.01	Diuron	Report	Kresoxim-methyl	< 0.15	Pyrethrins	Report		
Bifenazate	< 0.01	Dodemorph	Report	(Lambda) Cyhalothrin	Report	Pyridaben	< 0.02		
Bifenthrin	Report	Endosulfan sulfate	< 2.5	Malathion	< 0.01	Pyriproxyfen	Report		
Boscalid	< 0.01	Endosulfan-alpha	< 2.5	Metalaxyl	< 0.01	Quintozene	Report		
Buprofezin	Report	Endosulfan-beta	< 2.5	Methiocarb	< 0.01	Resmethrin	< 0.05		
Carbaryl	< 0.025	Ethoprophos	< 0.01	Methomyl	< 0.025	Spinetoram	< 0.01		
Carbofuran	< 0.01	Etofenprox	Report	Methoprene	Report	Spinosad	< 0.01		
Chlorantraniliprole	Report	Etoazole	Report	Mevinphos	< 0.025	Spiriclofen	Report		
Chlorphenapyr	< 1.5	Etridiazole	< 0.15	MKG-264	Report	Spiromesifen	Report		
Chlorpyrifos	< 0.5	Fenhexamid	Report	Myclobutanil	< 0.01	Spiroletamat	< 0.01		
Clofentezine	< 0.01	Fenoxycarb	< 0.01	Naled	Report	Spiroxamine	Report		
Clothianidin	< 0.025	Fenpyroximate	Report	Novaluron	< 0.025	Tebuconazole	< 0.01		
Coumaphos	< 0.01	Fensulfthion	< 0.01	Oxamyl	< 1.5	Tebufenozide	< 0.01		
Cyantraniliprole	< 0.01	Fenthion	< 0.01	Pacllobutrazol	< 0.01	Teflubenzuron	< 0.025		
Cyfluthrin	Report	Fenvalerate	Report	Parathion-methyl	Report	Tetrachlorvinphos	< 0.01		

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