Final Product: Cannabidiol Isolate Lot Number: L2207I013 Date of Manufacture: July 2022

Expiration: July 2024



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

Organolpetics 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		Contract Lab¹	White, crystalline powder free of particulates	Conforms	PASS
CBD Potency (% w/w)*	(% w/w)	Contract Lab¹	≥ 98%	99%	PASS
	THC(% w/w)	Contract Lab¹	≤ 0.05	0.032%	PASS
THC Content (% w/w)*	THCA(% w/w)	Contract Lab¹	≤ 0.05	ND	PASS
	Total (THC + THCA* 0.877)(% w/w)	Contract Lab¹	≤ 0.05	0.032%	PASS
	CBN(% w/w)	Contract Lab¹	≤ 0.05	< LOQ ³	PASS
	CBNA(% w/w)	Contract Lab¹	≤ 0.05	ND	PASS
	d8-THC(% w/w)	Contract Lab¹	≤ 0.05	ND	PASS
	THCVA(% w/w)	Contract Lab¹	≤ 0.05	ND	PASS
	THCV(% w/w)	Contract Lab¹	≤ 0.05	ND	PASS
	CBC(% w/w)	Contract Lab¹	Report	0.029%	PASS
	CBDA(% w/w)	Contract Lab¹	Report	0.15%	PASS
	CBDVA(% w/w)	Contract Lab¹	Report	ND	PASS
Related Cannabinoid	CBDV(% w/w)	Contract Lab¹	Report	0.45%	PASS
Content (w/w)*	CBGA(% w/w)	Contract Lab¹	Report	ND	PASS
	CBG(% w/w)	Contract Lab¹	Report	0.029%	PASS PASS
	CBL(% w/w)	Contract Lab ¹	Report	ND	PASS
	CBCA(% w/w)	Contract Lab¹	Report	ND	PASS
	Total (Sum of all observed RCs known and unknown)(% w/w)	Contract Lab¹	Report	0.47%	PASS
Total Cannabinoids (CBD plus total RCs)(%w/w)	(% w/w)	Contract Lab¹	Report	99%	PASS
	Acetone	Contract Lab¹	< 1000 ppm	< 200 ppm	PASS
	Benzene	Contract Lab¹	< 2ppm	< 1 ppm	PASS
	Butanes	Contract Lab¹	< 1,000 ppm	< 500 ppm	PASS
	Ethanol	Contract Lab¹	< 1000 ppm	< 1000 ppm	PASS
	Ethyl Acetate	Contract Lab¹	< 1,000 ppm	< 500 ppm	PASS
Residual Solvents	Heptanes	Contract Lab¹	< 1,000 ppm	< 50 ppm	PASS
Nooidual Golvelles	Hexane	Contract Lab¹	< 60 ppm	< 30 ppm	PASS
	Isopropyl Alcohol	Contract Lab¹	< 1,000 ppm	< 500 ppm	PASS
	Methanol	Contract Lab¹	< 600 ppm	< 500 ppm	PASS
	Pentane	Contract Lab¹	< 1000 ppm	206 ppm	PASS
	Propane	Contract Lab¹	< 1000 ppm	< 1000 ppm	PASS
	Toluene	Contract Lab¹	<180 ppm	< 90 ppm	PASS
	Total Xylenes	Contract Lab ¹	(m, p, o-xylesnes) <430 ppm)	< 160 ppm	PASS
Specification: FP-001 v13.0				697 N. Denver Ave, Ste. 132	Loveland CO 80537

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Test		Methodology	Specification	Test Results	Pass/Fail
Elemental Impurities	Arsenic (ppm)	ICP-MS ¹	< 1.0 ppm	<0.01 ppm	PASS
	Cadmium (ppm)	ICP-MS¹	< 0.4 ppm	<0.005 ppm	PASS
	Lead (ppm)	ICP-MS¹	< 0.5 ppm	<0.005 ppm	PASS
	Mercury (Total) (ppm)	IICP-MS ¹	< 0.2 ppm	<0.005 ppm	PASS
Mycotoxins	B¹ (AFB¹)	USP <561>1	< 2 ppm	<0.500 ppb	PASS
	B² (AFB²)	USP <561>1	< 0.5 ppb	<0.500 ppb	PASS
	G¹ (AFG¹)	USP <561>1	< 0.5 ppb	<0.500 ppb	PASS
	G² (AFG²)	USP <561>1	< 0.5 ppb	<0.500 ppb	PASS
	Ochratoxin A	USP <561>1	< 1.0 ppb	<1 ppb	PASS
	Total	USP <561>1	< 4 ppb	<2 ppb	PASS
Microbials	Salmonella spp.	USP <2021>1	Absent in 25 g	Absent/25g	PASS
	E. coli (STEC) - Bacteria	USP <2021>1	Absent in 25 g	ND/25g	PASS
	Total coliforms	AOAC 989.10; AOAC 986.33; AOAC991.14¹	< 100 cfu/g	<10 cfu/g	PASS
	Total aerobic late count	USP <2021>1	< 10,000 cfu/g	<100 cfu/g	PASS
	Total yeast and mold	USP <2021>1	< 1,000 cfu/g	<100 cfu/g	PASS
Pesticides	Individual Pesticide Content (ppm)	Contract Lab ²	Individual Pesticide Limit²	Conforms	PASS

^{*}Number of replicates: 20

³Less than LOQ of 0.0250% per Official Methods of Analysis AOAC 2018.11

CS Residual Pesticide	e Limits"								
bamectin	<0.25	Cypermethrin	<0.30	Fipronil	<0.01	Permethrin	<0.50	Tetramethrin	<0.10
cephate	< 0.05	Cyprodinil	<0.01	Flonicamid	< 0.025	Phenothrin	< 0.05	Thiabendazole	< 0.02
cequinocyl	< 0.03	Daminozide	<0.10	Fludioxonil	<0.01	Phosmet	< 0.02	Thiacloprid	<0.01
cetamiprid	< 0.05	Deltamethrin	< 0.50	Fluopyram	< 0.01	Piperonyl Butoxide	<1.25	Thiamethoxam	<0.01
ldicarb	<0.50	Diazinon	< 0.02	Hexythiazox	<0.0	Pirimicarb	<0.01	Thiophanate-methyl	< 0.05
llethrin	<0.10	Dichlorvos	< 0.05	Imazalil	<0.01	Prallethrin	< 0.05	Trifloxystrobin	<0.01
trazine	< 0.025	Dimethoate	< 0.01	Imidacloprid	< 0.01	Propiconazole	<0.01		
zadirachtin	<0.50	Dimethomorph	< 0.05	Iprodione	< 0.50	Propoxur	<0.01		
zoxystrobin	<0.01	Dinotefuran	< 0.05	Kinoprene	<1.25	Pyraclostrobin	<0.01		
Senzovindiflupyr	<0.01	Diuron	<0.125	Kresoxim-methyl	<0.15	Pyrethrins	< 0.05		
lifenazate	<0.01	Dodemorph	< 0.05	Lambda, Cyhalothrin	< 0.25	Pyridaben	< 0.02		
lifenthrin	<0.01	Endosulfan sulfate	<2.5	Malathion	<0.01	Pyriproxyfen	<0.01		
Soscalid	<0.01	Endosulfan-alpha	<2.5	Metalaxyl	<0.01	Quintozene	< 0.02		
Suprofezin	< 0.02	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	< 0.05	Methoprene	<2.00	Spinosad	<0.01		
Chlorantraniliprole	< 0.02	Etoxazole	< 0.05	Mevinphos	< 0.025	Spiriclofen	< 0.25		
Chlorphenapyr	<1.5	Etridiazole	<0.15	MGK-264	< 0.05	Spiromesifen	<3.0		
Chlorpyrifos	<0.50	Fenhexamid	<0.125	Myclobutanil	<0.01	Spirotetramat	<0.01		
Clofentezine	<0.01	Fenoxycarb	<0.01	Naled	<0.10	Spiroxamine	<0.10		
Clothianidin	<0.025	Fenpyroximate	< 0.02	Novaluron	< 0.025	Tebuconazole	<0.01		
Coumaphos	<0.01	Fensulfothion	<0.01	Oxamyl	<1.5	Tebufenozide	<0.01		
Cyantraniliprole	<0.01	Fenthion	<0.01	Paclobutrazol	<0.01	Teflubenzuron	< 0.025		
yfluthrin	<0.20	Fenvalerate	< 0.10	Parathion-methyl	< 0.05	Tetrachlorvinphos	< 0.01		

Specification: FP-001 v13.0

Quality Manager

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Quality Associate Prepared by

Approved by

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¹Contract Testing performed by Eurofins BioDiagnostics.

²Contract Testing performed by ACS. Refer to tables below for individual pesticides and associated limits.