

Certificate of Analysis



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



Final Product: Broad Spectrum CBD Distillate 2.0

Lot Number: L2502B018

Date of Manufacture: February 2025 **Expiration:** February 2027

MILE HIGH LABS

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	Yellow to amber, translucent, viscous to semi-solid liquid.	Conforms	PASS				
CBD Potency (%w/w)	Contract Lab ^{2, 4}	80 – 90%	83.4%	PASS				
THC Content (% w/w)	THC (Δ9-Tetrahydrocannabinol)	Contract Lab ^{2, 4}	≤ 0.1%	< LOQ	PASS			
	THCA (Δ9-Tetrahydrocannabinolic Acid)	Contract Lab ^{2, 4}	≤ 0.1%	ND	PASS			
	Total THC (% w/w, THC + THCA * 0.877)	Contract Lab ^{2, 4}	≤ 0.1%	< LOQ	PASS			
Related Cannabinoid Content (% w/w)	CBN (Cannabinol)	Contract Lab ^{2, 4}	≤ 0.1%	< LOQ	PASS			
	d8-THC (Δ8-Tetrahydrocannabinol)	Contract Lab ^{2, 4}	≤ 0.1%	ND	PASS			
	THCV (Tetrahydrocannabivarin)	Contract Lab ^{2, 4}	≤ 0.1%	0.05%	PASS			
	THCVA (Tetrahydrocannabivarinic acid)	Contract Lab ^{2, 4}	≤ 0.1%	ND	PASS			
	CBC (Cannabichromene)	Contract Lab ^{2, 4}	Report % w/w	< LOQ	PASS			
	CBCA (Cannabichromenic acid)	Contract Lab ^{2, 4}	Report % w/w	ND	PASS			
	CBDA (Cannabidiolic acid)	Contract Lab ^{2, 4}	Report % w/w	ND	PASS			
	CBDVA (Cannabidivarinic acid)	Contract Lab ^{2, 4}	Report % w/w	ND	PASS			
	CBDV (Cannabidivarin)	Contract Lab ^{2, 4}	Report % w/w	1.17%	PASS			
	CBGA (Cannabigerolic acid)	Contract Lab ^{2, 4}	Report % w/w	ND	PASS			
	CBG (Cannabigerol)	Contract Lab ^{2, 4}	Report % w/w	6.27%	PASS			
	CBL (Cannabicyclol)	Contract Lab ^{2, 4}	Report % w/w	ND	PASS			
	Total (Sum of all observed RCs)	Contract Lab ^{2, 4}	Report % w/w	7.49%	PASS			
	Total Cannabinoids (CBD plus total RCs, % w/w)	Contract Lab ^{2, 4}	Report % w/w	90.9%	PASS			

¹MHL in-house method.

²Contract Testing performed by a MHL approved lab that is ISO 17025 and CDPHE certified.

³Refer to table on Page 3 for individual pesticides and associated limits.

⁴Tested by HPLC with an LOD of 0.015% w/w and an LOQ of 0.05% w/w

Specification: FX-113 Broad Spectrum CBD Distillate 2.0 Revision: v2.0

697 N. Denver Ave, Ste. 132 Loveland, CO 80537

Page 1/3

US Sales
sales@milehighlabs.com
 +1 (833) 223-1011

UK Sales
saleseu@milehighlabs.com
 +44 (0) 28 9099 5253

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Residual Solvents	Acetone	Contract Lab ²	< 1,000 ppm	ND	PASS
	Benzene	Contract Lab ²	< 2 ppm	ND	PASS
	Butanes	Contract Lab ²	< 1,000 ppm	ND	PASS
	Ethanol	Contract Lab ²	< 1,000 ppm	ND	PASS
	Ethyl Acetate	Contract Lab ²	< 1,000 ppm	ND	PASS
	Heptanes	Contract Lab ²	< 1,000 ppm	ND	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	< 1,000 ppm	ND	PASS
	Propane	Contract Lab ²	< 1,000 ppm	ND	PASS
	Toluene	Contract Lab ²	< 180 ppm	ND	PASS
	Total Xylenes (m, p, o-xylenes)	Contract Lab ²	< 430 ppm	ND	PASS
Pesticides	Individual Pesticide Content (ppm)	Contract Lab ²	Individual Pesticide Limit	Conforms	PASS
Elemental Impurities	Arsenic (ppm)	Contract Lab ²	< 1.5 ppm	ND	PASS
	Cadmium (ppm)	Contract Lab ²	< 0.5 ppm	ND	PASS
	Lead (ppm)	Contract Lab ²	< 0.5 ppm	ND	PASS
	Mercury (ppm)	Contract Lab ²	< 1.5 ppm	ND	PASS
Mycotoxins	B1(AFB1)	Contract Lab ²	< 2 ppb	ND	PASS
	B2(AFB2)	Contract Lab ²	< 0.5 ppb	ND	PASS
	G1(AFG1)	Contract Lab ²	< 0.5 ppb	ND	PASS
	G2(AFG2)	Contract Lab ²	< 0.5 ppb	ND	PASS
	Ochratoxin A	Contract Lab ²	< 1.0 ppb	ND	PASS
	Tota (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
	E. coli (STEC) - Bacteria	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

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Page 2/3

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Residual Pesticide Limits (ppb)

Abamectin	< 300	Fenoxycarb	< 100	Spiromesifen	< 3,000
Acephate	< 3,000	Fenpyroximate	< 2,000	Spirotetramat	< 3,000
Acequinocyl	< 2,000	Fipronil	< 100	Spiroxamine	< 100
Acetamiprid	< 3,000	Fonicamid	< 2,000	Tebuconazole	< 1,000
Aldicarb	< 100	Fludioxonil	< 3,000	Thiacloprid	< 100
Azoxystrobin	< 3,000	Hexythiazox	< 2,000	Thiamethoxam	< 1,000
Bifenazate	< 3,000	Imazail	< 100	Trifloxystrobin	< 3,000
Bifenthrin	< 500	Imidacloprid	< 1,000		
Boscalid	< 3,000	Kresoxim-Methyl	< 1,000		
Captan	< 3,000	Malathion	< 2,000		
Carbaryl	< 500	Metalaxyl	< 3,000		
Carbofuran	< 100	Methiocarb	< 100		
Chlorantraniliprole	< 3,000	Methomyl	< 100		
Chlordane	< 100	Methyl Parathion	< 100		
Chlorfenapyr	< 100	Mevinphos	< 100		
Chloromequat Chloride	< 3,000	Myclobutanil	< 3,000		
Chlorpyrifos	< 100	Naled	< 500		
Clofentazine	< 500	Oxamyl	< 500		
Coumaphos	< 100	Paclobutrazol	< 100		
Cyfluthrin	< 1,000	Pentachloronitrobenzene	< 200		
Cypermethrin	< 1,000	Permethrin	< 1,000		
Daminozide	< 100	Phosmet	< 200		
Diazinon	< 200	Piperonyl butoxide	< 3,000		
Dichlorvos (DDVP)	< 100	Prallethrin	< 400		
Dimethoate	< 100	Propiconazole	< 1,000		
Dimethomorph	< 3,000	Propoxur	< 100		
Ethoprop(hos)	< 100	Pyrethrins	< 1,000		
Etofenprox	< 100	Pyridaben	< 3,000		
Etoxazole	< 1,500	Spinetoram	< 3,000		
Fenhexamid	< 3,000	Spinosad A & D	< 3,000		

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Page 3/3

Ryan Baxter

Ryan Baxter (Mar 19, 2025 15:58 MDT)

Quality Associate II

Prepared by

Date

Hadasa A. Villalobos

Quality Manager 3/20/2025

Approved by

Date

US Sales

sales@milehighlabs.com
+1 (833) 223-1011

UK Sales

saleseu@milehighlabs.com
+44 (0) 28 9099 5253

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