Certificate of Analysis

Final Product: Crystal Resistant CBD Distillate 2.0
Lot Number: L2503B022
Date of Manufacture: MAR 2025 **Expiration:** MAR 2027

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		TM-004[1] / Contract Lab[2]	Amber, semifluid at room temperature.	Conforms	PASS
CBD Potency		Contract Lab[2]	45 – 55%	49.6%	PASS
THC Content (% w/w)	THC (Δ9-Tetrahydrocannabinol)	Contract Lab[2]	≤ 0.2%	<0.05%	PASS
	THCA (Δ9-Tetrahydrocannabinolic Acid)	Contract Lab[2]	≤ 0.2%	ND	PASS
	Total THC (% w/w, THC + THCA * 0.877)	Contract Lab[2]	≤ 0.2%	<0.05%	PASS
CBG Potency	CBG (% w/w)	Contract Lab[2]	≥ 2.5%	18.48%	PASS
Related Cannabinoid Content (% w/w)	CBN (Cannabinol)	Contract Lab[2]	≤ 0.3%	0.08%	PASS
	d8-THC (Δ8-Tetrahydrocannabinol)	Contract Lab[2]	≤ 0.2%	ND	PASS
	THCV (Tetrahydrocannabivarin)	Contract Lab[2]	≤ 0.3%	0.12%	PASS
	THCVA (Tetrahydrocannabivarinic acid)	Contract Lab[2]	≤ 0.3%	ND	PASS
	CBC (Cannabichromene)	Contract Lab[2]	Report % w/w	<0.05%	PASS
	CBCA (Cannabichromenic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBDA (Cannabidiolic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBDVA (Cannabidivarinic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBDV (Cannabidivarin)	Contract Lab[2]	Report % w/w	3.56%	PASS
	CBGA (Cannabigerolic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBL (Cannabicyclol)	Contract Lab[2]	Report % w/w	ND	PASS
	CBE (Cannabielsoin)	Contract Lab[2]	Report % w/w	6.83%	PASS
	Total (Sum of all observed RCs)	Calculated[3]	Report % w/w	29.07%	PASS
Total Cannabinoids (CBD plus total RCs, % w/w)		Calculated[3]	Report % w/w	78.67%	PASS

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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 (ppb)	Contract Lab[2]	Individual Pesticide Limit[4]	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	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	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
	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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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	Flonicamid	2,000	Tebuconazole	1,000
Aldicarb	100	Fludioxonil	3,000	Thiacloprid	100
Azoxystrobin	3,000	Hexythiazox	2,000	Thiamethoxam	1,000
Bifenazate	3,000	Imazalil	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		
Chlormequat Chloride	3,000	Myclobutanil	3,000		
Chlorpyrifos	100	Naled	500		
Clofentezine	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		