

# CERTIFICATE OF ANALYSIS

## Distillate

**Product name** IS-50 CBD Distillate

**Batch number** L2212B172

**Mfg date** May 2022

**Exp date** May 2024

TEST	METHODOLOGY	SPECIFICATION	RESULTS	PASS/FAIL
Color, Appearance	TM-004 <sup>1</sup> / Contract Lab <sup>2</sup>	Amber, semifluid	Conforms	Pass
CBD Potency	Contract Lab <sup>2</sup>	45 – 60%	47%	Pass
THC ( $\Delta^9$ -Tetrahydrocannabinol)	Contract Lab <sup>2</sup>	$\leq 0.2\%$	0.1%	Pass
THCA ( $\Delta^9$ -Tetrahydrocannabinolic Acid)	Contract Lab <sup>2</sup>	$\leq 0.2\%$	ND	Pass
Total THC (% w/w, THC + THCA * 0.877)	Contract Lab <sup>2</sup>	$\leq 0.2\%$	0.1%	Pass
CBG (% w/w)	Contract Lab <sup>2</sup>	$\geq 2.5\%$	19.6%	Pass
CBN (Cannabinol)	Contract Lab <sup>2</sup>	$\leq 0.3\%$	0.1%	Pass
CBNA (Cannabinol acid)	Contract Lab <sup>2</sup>	$\leq 0.3\%$	ND	Pass
d8-THC ( $\Delta^8$ -Tetrahydrocannabinol)	Contract Lab <sup>2</sup>	$\leq 0.2\%$	ND	Pass
THCV (Tetrahydrocannabivarin)	Contract Lab <sup>2</sup>	$\leq 0.3\%$	0.1%	Pass
THCVA (Tetrahydrocannabivarinic acid)	Contract Lab <sup>2</sup>	$\leq 0.3\%$	ND	Pass
CBC (Cannabichromene)	Contract Lab <sup>2</sup>	Report % w/w	0.0760%	Pass
CBCA (Cannabichromenic acid)	Contract Lab <sup>2</sup>	Report % w/w	ND	Pass
CBDA (Cannabidiolic acid)	Contract Lab <sup>2</sup>	Report % w/w	ND	Pass
CBDVA (Cannabidivarinic acid)	Contract Lab <sup>2</sup>	Report % w/w	ND	Pass
CBDV (Cannabidivarin)	Contract Lab <sup>2</sup>	Report % w/w	2.98%	Pass
CBGA (Cannabigerolic acid)	Contract Lab <sup>2</sup>	Report % w/w	ND	Pass
CBL (Cannabicyclol)	Contract Lab <sup>2</sup>	Report % w/w	ND	Pass
Total (Sum of all observed RCs)	Contract Lab <sup>2</sup>	Report % w/w	23.0%	Pass
Total Cannabinoids	Contract Lab <sup>2</sup>	Report % w/w	70%	Pass
Acetone	Contract Lab <sup>2</sup>	< 1,000 ppm	< 200 ppm	Pass
Benzene	Contract Lab <sup>2</sup>	< 2ppm	< 1 ppm	Pass
Butanes	Contract Lab <sup>2</sup>	< 1,000 ppm	< 500 ppm	Pass
Ethanol	Contract Lab <sup>2</sup>	< 1,000 ppm	< 1,000 ppm	Pass
Ethyl Acetate	Contract Lab <sup>2</sup>	< 1,000 ppm	< 500 ppm	Pass
Heptanes	Contract Lab <sup>2</sup>	< 1,000 ppm	< 50 ppm	Pass
Hexane	Contract Lab <sup>2</sup>	< 60 ppm	< 30 ppm	Pass

<sup>1</sup>In-house method.

<sup>2</sup>Testing performed by Eurofins or SC Labs.

<sup>3</sup>Testing performed by ACS. Refer to table below for individual pesticides and associated limits.

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Isopropyl Alcohol	TM-004 <sup>1</sup> / Contract Lab <sup>2</sup>	< 1,000 ppm	< 500 ppm	Pass
Methanol	Contract Lab <sup>2</sup>	< 600 ppm	< 500 ppm	Pass
Pentane	Contract Lab <sup>2</sup>	< 1,000 ppm	< 25 ppm	Pass
Propane	Contract Lab <sup>2</sup>	< 1,000 ppm	< 1,000 ppm	Pass
Toluene	Contract Lab <sup>2</sup>	< 1,000 ppm	< 90 ppm	Pass
Total Xylenes (m, p, o-xylenes)	Contract Lab <sup>2</sup>	< 430 ppm	< 160 ppm	Pass
Individual Pesticide Content (ppm)	Contract Lab <sup>2</sup>	Pesticide Limit	Conforms	Pass
Arsenic (ppm)	Contract Lab <sup>2</sup>	< 1.5 ppm	< 0.010 ppm	Pass
Cadmium (ppm)	Contract Lab <sup>2</sup>	< 0.5 ppm	< 0.005 ppm	Pass
Lead (ppm)	Contract Lab <sup>2</sup>	< 0.5 ppm	< 0.005 ppm	Pass
Mercury (ppm)	Contract Lab <sup>2</sup>	< 1.5 ppm	< 0.0050 ppm	Pass
B1 (AFB1)	Contract Lab <sup>2</sup>	< 2 ppb	< 0.5 ppb	Pass
B2 (AFB2)	Contract Lab <sup>2</sup>	< 0.5 ppb	< 0.5 ppb	Pass
G1 (AFG1)	Contract Lab <sup>2</sup>	< 0.5 ppb	< 0.5 ppb	Pass
G2 (AFG2)	Contract Lab <sup>2</sup>	< 0.5 ppb	< 0.5 ppb	Pass
Ochratoxin A	Contract Lab <sup>2</sup>	< 1.0 ppb	< 1.0 ppb	Pass
Total (B1+B2+G1+G2)	Contract Lab <sup>2</sup>	< 4 ppb	< 2 ppb	Pass
Salmonella spp.	Contract Lab <sup>2</sup>	Absent in 25 g	Absent / 25g	Pass
E. coli (STEC) - Bacteria	Contract Lab <sup>2</sup>	Absent in 25 g	Absent / 25g	Pass
Total coliforms	Contract Lab <sup>2</sup>	< 100 cfu/g	< 10 cfu/g	Pass
Total aerobic plate count	Contract Lab <sup>2</sup>	< 10,000 cfu/g	< 100 cfu/g	Pass
Total yeast and mold	Contract Lab <sup>2</sup>	< 1,000 cfu/g	< 100 cfu/g	Pass

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### RESIDUAL PESTICIDE LIMITS (PPB)

Abamectin 300
Acephate 3,000
Acequinocyl 2,000
Acetamiprid 3,000
Aldicarb 100
Azoxystrobin 3,000
Bifenazate 3,000
Bifenthrin 500
Boscalid 3,000
Captan 3,000
Carbaryl 500
Carbofuran 100
Chlorantraniliprole 3,000
Chlordane 100
Chlorfenapyr 100
Chlormequat Chloride 3,000
Chlorpyrifos 100
Clofentezine 500
Coumaphos 100
Cyfluthrin 1,000
Cypermethrin 1,000
Daminozide 100
Diazinon 200
Dichlorvos (DDVP) 100
Dimethoate 100
Dimethomorph 3,000
Ethoprop(hos) 100
Etofenprox 100
Etoxazole 1,500
Fenhexamid 3,000

### RESIDUAL PESTICIDE LIMITS (PPB)

Fenoxycarb 100
Fenpyroximate 2,000
Fipronil 100
Flonicamid 2,000
Fludioxonil 3,000
Hexythiazox 2,000
Imazalil 100
Imidacloprid 1,000
Kresoxim-Methyl 1,000
Malathion 2,000
Metalaxyl 3,000
Methiocarb 100
Methomyl 100
Methyl Parathion 100
Mevinphos 100
Myclobutanil 3,000
Naled 500
Oxamyl 500
Paclobutrazol 100
Pentachloronitrobenzene 200
Permethrin 1,000
Phosmet 200
Piperonyl butoxide 3,000
Prallethrin 400
Propiconazole 1,000
Propoxur 100
Pyrethrins 1,000
Pyridaben 3,000
Spinetoram 3,000
Spinosad A & D 3,000

### RESIDUAL PESTICIDE LIMITS (PPB)

Spiromesifen 3,000
Spirotetramat 3,000
Spiroxamine 100
Tebuconazole 1,000
Thiacloprid 100
Thiamethoxam 1,000
Trifloxystrobin 3,000

### Notice

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