

Powered by Confident Cannabis

Ethical Botanicals

Vancouver, BC V5L1B5

Sample: 2101CVS0130.0369

Strain: Isolate

Batch#:; Batch Size: g

Sample Received: 01/20/2021; Report Created: 02/04/2021; Expires: 03/05/2021

Lic.#

Isolate

Concentrates & Extracts, Cannabinoid Isolate





Safety

Pass Pass Pesticides Microbials **Pass Pass**

Mycotoxins **Pass**

Solvents

Metals

Foreign Matter

Pass

Cannabinoids

	ND	ND	99.36%	NT
	Δ9 ΤΗС	Total THC + Δ8	Total CBD	Moisture
Α	nalyte		LOQ N	Mass Mass

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDV	0.01	ND	ND
THCa	0.01	NR	NR
Δ9-ΤΗС	0.01	ND	ND
Δ8-ΤΗС	0.01	ND	ND
THCV	0.01	ND	ND
CBDa	0.01	NR	NR
CBD	0.01	99.36	993.6
CBN	0.01	ND	ND
CBG	0.01	ND	ND
CBC	0.01	ND	ND
Total		99.36	993.6

Total THC = THCa * 0.877 + d9-THC +THCV Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid quantification by Gas chromatography-flame ionization detection and Capillary column technique with a limit of detection of 0.03%. Procedure reference Analytica Chimica Acta Volume 468, Issue 2, 18 September 2002, Pages 245-254, Ph.I 1.14.5

Terpenes







Analyte	Mass	Mass
	mg/g	%
δ-3-Carene	0.18	0.018
Guaiol	0.08	0.008
trans-Nerolidol	0.06	0.006
δ-Limonene	0.01	0.001
α-Bisabolol	ND	ND
α-Humulene	ND	ND
α-Pinene	ND	ND
α-Terpinene	ND	ND
β-Caryophyllene	ND	ND
β-Myrcene	ND	ND
β-Pinene	ND	ND
Borneol	ND	ND
Camphene	ND	ND
Camphor	ND	ND
Caryophyllene Oxide	ND	ND
cis-Nerolidol	ND	ND
Eucalyptol	ND	ND
Fenchone	ND	ND
y-Terpinene Geraniol	ND ND	ND ND
	ND	ND ND
Isopulegol Linalool	ND	ND ND
Ocimene	ND	ND ND
p-Cymene	ND	ND
Terpinolene	ND	ND
Valencene	ND	ND
Total	0.33	0.033
TOTAL	5.50	0.000



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Aflatoxins			ŀ	ass
Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
B1			NR	NT
B2			NR	NT
G1			NR	NT
G2		- 1	NR	NT

Microbials			Pass
Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Aerobic Bacteria	500000	200	Pass
Bile-Tolerant Gram-Negative Bacteria	10000	NR	NT
E. Coli	0	NR	NT
Salmonella	0	NR	NT
Yeast & Mold	50000	1000	Pass

Mycotoxins screening by Lateral flow immunochromatographic assay based on competitive immunoassay with a detection limit of 20 ppb. Procedure reference AOAC Method 991.31; U.S.P

TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Detection limit: 1000 CFUs per gram. 10000 CFUs per gram accepted limit. Microbial analysis method by 3M™ Petrifilm™ count plates for Salmonella, E. coli, yeast and mold, with a detection limit of 1000 cfu/g. Procedure reference AOAC Method 991.14; U.S.P

Heavy Metals			Pass	
Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM 🚽	
Arsenic			NR	NT
Cadmium			NR	NT
Cobalt			NR	NT
Copper			NR	NT
Lead			NR	NT
Manganese			NR	NT
Mercury			NR	NT
Nickel			NR	NT
Zinc			NR	NT

Residual Solvents			1	Pass
Analyte	LOQ	Limit	Mass	Status
N 1	PPM	PPM	PPM	
Acetone	1.000	5000.000	ND	Pass
Ethanol	1.000	5000.000	ND	Pass
Heptane	1.000	5000.000	463.000	Pass
Isobutane	1.000	5000.000	ND	Pass
Isopropanol	1.000	5000.000	28.000	Pass
n-Butane	1.000	5000.000	ND	Pass
n-Hexane	1.000	5000.000	ND	Pass
n-Pentane	1.000	5000.000	ND	Pass

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Pesticides Pass

Analyte LOQ Limit Mass Status Analyte LOQ Limit Mass Status

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Methamidophos	1.700		NR	NT	Dimethoate	1.300		NR	NT
Parathion Ethyl	1.700		NR	NT	Isocarbophos	3.100		NR	NT
Dichlorvos	0.300		NR	NT	Acephate	3.500		NR	NT
Malathion	2.000		NR	NT	Carbofuran	0.500		NR	NT
Monocrotophos	2.500		NR	NT	Carbaryl	2.500		NR	NT

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NDTotal THC + Δ8

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Total CBD

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Total Cannabinoids

Cannabinoids

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