Certificate of Analysis

Vancouver, BC V6B 3L9

Lic. #

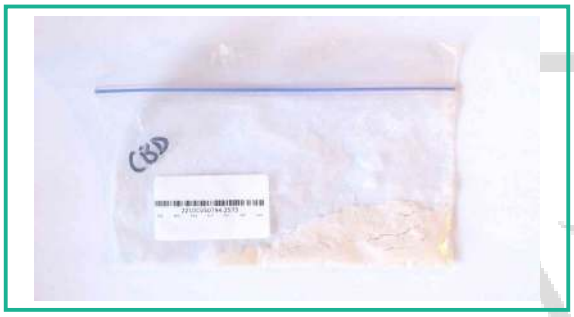
CBDNorth

Sample: 2210CVS0794.2573

Strain: CBD
Batch#: ; Batch Size: g
Sample Received: 10/20/2022; Report Created: 10/27/2022;

CBD

Concentrates & Extracts, Cannabinoid Isolate



Safety

Pass Pesticides	**Pass** Microbials	**Pass** Mycotoxins
Pass Solvents	**Pass** Metals	**Pass** Foreign Matter

Cannabinoids

ND Total THC	**ND** Total THC + Δ8	**99.40%** Total CBD	**NT** Moisture

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDV	0.01	ND	ND
THCa	0.01	NR	NR
Δ9-THC	0.01	ND	ND
Δ8-THC	0.01	ND	ND
THCV	0.01	ND	ND
CBDa	0.01	NR	NR
CBD	0.01	99.40	994.0
CBN	0.01	ND	ND
CBGa	0.01	NR	NR
CBG	0.01	ND	ND
CBC	0.01	ND	ND
Total		**99.40**	**994.0**

Total THC = THCa * 0.877 + d9-THC
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, ND = Not Detected, NR = Not Reported, NT = Not Tested

Terpenes

Analyte	Mass	Mass	Analyte	Mass	Mass

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Aflatoxins — Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
B1			ND	Tested
B2			ND	Tested
G1			ND	Tested
G2			ND	Tested
Ochratoxin A			NR	NT

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. ND = Not Detected, NR = Not Reported, NT = Not Tested

Heavy Metals — Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Arsenic	5		ND	Tested
Cadmium	5		ND	Tested
Cobalt	5		ND	Tested
Copper	5		ND	Tested
Lead	5		ND	Tested
Manganese	5		ND	Tested
Mercury	5		ND	Tested
Nickel	5		ND	Tested
Zinc	5		ND	Tested

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. Heavy metal screening method by reagent colorimetric test strips for arsenic, cadmium, cobalt, copper, lead, manganese, mercury, nickel and zinc with a detection limit of 0.2-5 ppm. Procedure reference AOAC Method 2013.06; U.S.P. ND = Not Detected, NR = Not Reported, NT = Not Tested

Microbials — Pass

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

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. ND = Not Detected, NR = Not Reported, NT = Not Tested

Residual Solvents — Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Acetone	1.000	5000.000	ND	Pass
Ethanol	1.000	5000.000	ND	Pass
Heptane	1.000	5000.000	ND	Pass
Isobutane	1.000	5000.000	ND	Pass
Isopropanol	1.000	5000.000	ND	Pass
n-Butane	1.000	5000.000	ND	Pass
n-Hexane	1.000	5000.000	1043.000	Pass
n-Pentane	1.000	5000.000	ND	Pass

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. Residual Solvents determination method by gas chromatographic headspace analysis, with a detection limit of 1-10 ppm. Procedure reference AOAC Method 2019.002; U.S.P, ND = Not Detected, NR = Not Reported, NT = Not Tested

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Pesticides

Pass

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

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Cannabinoids

Complete

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THCa	0.01	NR	NR
Δ9-THC	0.01	ND	ND
Δ8-THC	0.01	ND	ND
THCV	0.01	ND	ND
CBDa	0.01	NR	NR
CBD	0.01	99.40	994.0
CBN	0.01	ND	ND
CBGa	0.01	NR	NR
CBG	0.01	ND	ND
CBC	0.01	ND	ND
Total		**99.40**	**994.0**

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