

Certificate Of Analysis

Description:	CBD isolate	Batch Number:	GR82-CP1
Sample Received Date:	16/11/2021	Expiry Date:	20/10/2023
Test Performed Date:	17/11/2021	Test Method:	Cannabinoid content by HPLC
		Method Information:	*Results apply to sample as received

Product: CBD isolate

Cannabinoid	Specification	Results (mg/g)	Results % (W/W)
CBDVA	<0.02% (LOQ)	ND	ND
CBDV	<0.5%	3.072	0.31
CBDA	<0.02% (LOQ)	ND	ND
CBG	<0.02% (LOQ)	ND	ND
CBD	>98%	1008.788	100.88
THCV	<0.02% (LOQ)	ND	ND
THCVA	<0.02% (LOQ)	ND	ND
CBN	<0.02% (LOQ)	ND	ND
Δ 9-THC	<0.02% (LOQ)	ND	ND
Δ 8-THC	<0.02% (LOQ)	ND	ND
CBC	<0.02% (LOQ)	ND	ND
THCA	<0.02% (LOQ)	ND	ND
CBCA	<0.02% (LOQ)	ND	ND

LOD = Limit of detection (0.002%) LOQ = Limit of Quantification (0.02%)

Breakdown

CBDVA	Cannabidivarinic Acid	CBN	Cannabinol
CBDV	Cannabidivarin	Δ 9-THC	9-Tetrahydrocannabinol
CBDA	Cannabidiolic Acid	Δ 8-THC	8-Tetrahydrocannabinol
CBG	Cannabigerol	CBC	Cannabinchromene
CBD	Cannabidiol	THCA	Tetrahydrocannabinolic Acid
THCV	Tetrahydrocannabivarin	CBCA	Cannabichromenic Acid
THCVA	Tetrahydrocannabivarinic Acid	ND	Not Detected above LOD

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Heavy Metals	Specification	Results
Lead	<1.0 ppm	<0.1 ppm
Cadmium	<1.0 ppm	<0.1 ppm
Mercury	<0.1 ppm	<0.1 ppm
Arsenic	<1.0 ppm	<0.1 ppm

Other Analyte	Specification	Results
Pesticides	<0.1mg/kg	ND

Solvents	Specification	Results
Methanol	<30 ppm	ND
Isopropanol	<50 ppm	ND
Heptane	<50 ppm	ND
Pentane	<50 ppm	ND
Acetone	<50 ppm	ND

Microbiological Analysis

Total Aerobic colony count	Total coliforms	E.Coli (beta glucuronidase positive)	Salmonella	Total yeasts	Total moulds
cfu/g	cfu/g	cfu/g	D/ND in 10g	cfu/g	cfu/g
<10	<10	<10	ND	<10	<10

Notes:

Analyst:



Tahera Begum
Analytical Chemist

Reviewed By:



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