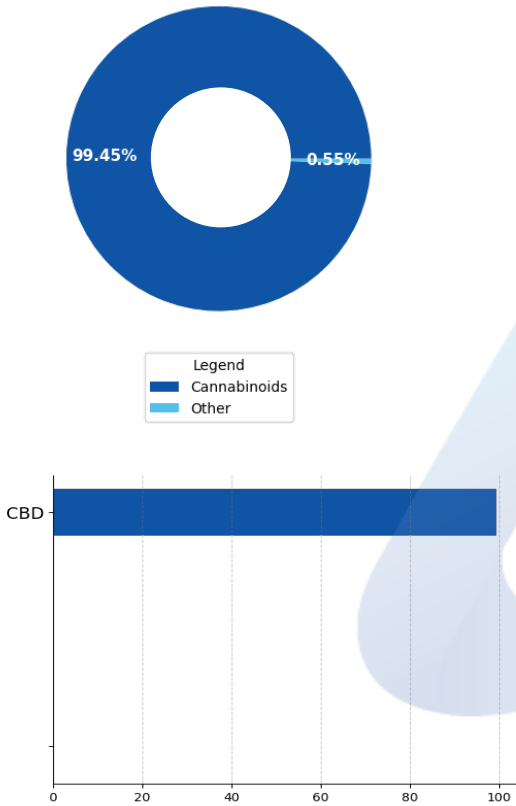


CBD Isolate

Batch ID:	2111010302	Received:	01/05/2022	Analysis:	18 Cannabinoid Potency
Sample Type:	Isolate	Analyzed:	01/05/2022	Method:	2021.18P.01
		Test ID:	2642	Equipment:	UHPLC

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	99.45 ± 2.7	994.55
Cannabigerol (CBG)	4.11e-05	1.25e-04	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	ND	ND
Cannabicitran (CBT)	3.95e-05	1.20e-04	ND	ND
Cannabichromene (CBC)	6.99e-05	2.12e-04	ND	ND
Cannabinol (CBN)	3.93e-05	1.19e-04	ND	ND
Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
Cannabicyclol acid (CBLA)	4.00e-05	1.21e-04	ND	ND
Tetrahydrocannavarin (THCV)	4.04e-05	1.23e-04	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	4.73e-05	1.43e-04	ND	ND
Cannabinolic (CBNA)	4.70e-05	1.42e-04	ND	ND
Tetrahydrocannavarin Acid (THCVA)	3.66e-05	1.11e-04	ND	ND
Cannabigerolic acid (CBGA)	3.98e-05	1.21e-04	ND	ND
Cannabidiolic acid (CBDA)	4.15e-05	1.26e-04	ND	ND
Cannabidivarin (CBDV)	3.97e-05	1.20e-04	ND	ND
Tetrahydrocannabinolic Acid (THCA)	3.86e-05	1.17e-04	ND	ND
Cannabichromenic acid (CBCA)	3.99e-05	1.21e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	3.99e-05	1.21e-04	ND	ND
Total Cannabinoid**			99.45	994.55
Total Potential THC*			ND	ND
Total Potential CBD*			99.45 ± 2.7	994.55
Total Potential CBG*			ND	ND

* Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.

* Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)) and Total CBG = CBG + (CBGa*(0.877))

** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION


Brian McCoy, Analytical Chemist
 01/05/2022 02:36 PM

ANALYZED BY/DATE



Logan Cline, Director of Analytical Development
 01/06/2022 09:18 AM

AUTHORIZED BY/DATE



John Reser, Quality Analyst
 01/06/2022 09:55 AM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories warrants that all analyses performed are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Minova Laboratories.

CBD Isolate

Batch ID:	21I1010302	Received:	01/05/2022	Analysis:	Residual Solvents
Sample Type:	Isolate	Analyzed:	01/10/2022	Method:	2021.RS.01
		Test ID:	2643	Equipment:	GCMS

RESIDUAL SOLVENTS

SOLVENT	REPORTABLE RANGE	RESULT (ppm)
Acetone	100 - 1000	*ND
Acetonitrile	100 - 1000	*ND
Benzene	0.2 - 4	*ND
Butanes	100 - 1000	*ND
Ethanol	100 - 1000	*ND
Ethyl Acetate	100 - 1000	*ND
Heptane	100 - 1000	*ND
Hexanes	6 - 120	*ND
Isopropyl Alcohol	100 - 1000	*ND
Methanol	100 - 1000	*ND
Pentanes	100 - 1000	447
Propane	100 - 1000	*ND
Toluene	18 - 360	*ND
Xylenes	43 - 860	*ND

*ND = Below Reportable Range

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION


 Brian McCoy, Analytical Chemist
 01/10/2022 03:41 PM

ANALYZED BY/DATE


 Logan Cline, Director of Analytical Development
 01/10/2022 04:36 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 01/10/2022 04:54 PM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories warrants that all analyses performed are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Minova Laboratories.

Product Specification

Cannabidiol, CBD Isolate

Product Information

Product	Cannabidiol, CBD Isolate
Botanical name	<i>Cannabis sativa</i> L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization, Distillation, Isolation
Ingredient Statement	CO2-Extracted CBD Isolate

Organoleptic Description

Appearance	White dry powder
Aroma	Typical
Taste	Characteristic

Physical Characteristics

Cannabidiol Content (CBD):	98-99.9%
Tetrahydrocannabinol Content (THC):	0.0%

Shelf Life

Shelf life in original glass jar for up to 2 years.

Packaging

Glass jar, size dependent on individual order.

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

CBD Isolate is certified Kosher by the Orthodox Union, UKD-ID: OUV3-3DMSMC9.

GMP Certification

This product was produced in a cGMP Compliant Facility, audited through Eurofins, Certificate #4949.

I declare that the information given is believed to be correct as of date specified below.

Name: Nick Peters

Title: Quality Manager

Date: May 19, 2021