

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC
 ISO/IEC 17025:2017 Accredited L17-427-1 #85368



Sample **5mg CBD Isolate, 5mg CBN, 2.5mg Melatonin Elderberry**

Sample ID SD230607-011 (76855) Matrix Edible (Other Cannabis Good)
 Tested for Optimal Recovery Solutions LLC | P.O. Box 1341 Ormond Beach, FL 32175 | orsassistant@gmail.com | 386-405-2644
 Sampled - Received Jun 06, 2023
 Analyses executed FP-NI, QARUSH Unit Mass (g) 42.781

Batch ID 0423001189
 Reported Jun 09, 2023
 Num. of Servings 9 Serving Size (g) 4.75

CAN+ - Cannabinoids Analysis

Analyzed Jun 09, 2023 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately ±.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
Cannabidiol (CBD)	0.039	0.16	<LOQ	<LOQ	<LOQ	<LOQ
Cannabidiolic Acid (CBDA)	0.001	0.16	0.00	0.01	0.05	0.43
Cannabigerol Acid (CBGA)	0.001	0.16	<LOQ	<LOQ	<LOQ	<LOQ
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	0.13	1.31	6.21	55.96
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	0.12	1.23	5.86	52.75
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	<LOQ	<LOQ	<LOQ	<LOQ
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.00	0.03	0.15	1.33
Cannabicyanol (CBL)	0.002	0.16	ND	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	<LOQ	<LOQ	<LOQ	<LOQ
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Total THC (THCa + Δ9THC)			ND	ND	ND	ND
Total THC + Δ8THC (THCa + 0.877 + Δ9THC + Δ8THC)			0.00	0.03	0.15	1.33
Total CBD (CBDA + 0.877 + CBD)			0.13	1.32	6.25	56.33
Total CBG (CBGa + 0.877 + CBG)			ND	ND	ND	ND
Total Cannabinoids			0.26	2.58	12.26	110.41

Sample photography



HME - Heavy Metals Analysis

Analyzed Jun 09, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.00	1.5
Cadmium (Cd)	0.0005	0.0015	0.00	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.04	0.5
Nickel (Ni)	6.0e-05	0.0002	NT	

MIBNIG - Microbial Analysis

Analyzed Jun 09, 2023 | Instrument Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram

MTO - Mycotoxin Analysis

Analyzed Jun 09, 2023 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOI Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Fri, 09 Jun 2023 18:24:54 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Accredited L17-427-1

*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on a "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.

