

Prepared for:

CBD Isolate
TreeHouse Biosciences

Batch ID or Lot Number: 0207-02-001	Test: Potency	Reported: 11/10/21	Location: 4472 Hilltop Road Unit A Longmont, CO 80504
Matrix: Concentrate	Test ID: T000174664	Started: 11/8/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC (Colorado Panel)	Received: 11/05/2021 @ 10:28 AM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.009	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.010	0.036	0.36	N/A
Cannabidiolic acid (CBDA)	0.164	0.539	ND	ND	
Cannabidiol (CBD)	0.160	0.526	98.382	983.82	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.141	0.517	ND	ND	
Cannabinolic Acid (CBNA)	0.081	0.296	ND	ND	
Cannabinol (CBN)	0.037	0.135	ND	ND	
Cannabigerolic acid (CBGA)	0.119	0.434	ND	ND	
Cannabigerol (CBG)	0.028	0.104	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.100	0.367	ND	ND	
Tetrahydrocannabivarin (THCV)	0.026	0.094	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.068	0.225	ND	ND	
Cannabidivarin (CBDV)	0.038	0.124	0.130	1.30	
Cannabichromenic Acid (CBCA)	0.046	0.167	ND	ND	
Cannabichromene (CBC)	0.050	0.183	ND	ND	
Total Cannabinoids			98.548	985.48	
Total Potential THC**			0.036	0.36	
Total Potential CBD**			98.382	983.82	



 Ryan Weems
 10-Nov-2021
 11:14 AM



 Daniel Weidensaul
 10-Nov-21
 11:25 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

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

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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