

Prepared for:

Gaia Botanicals LLC
683 UP

Batch ID or Lot Number: 683 UP	Test: Potency	Reported: 12/9/21	Location: 410 S Arthur Ave Louisville, CO 80027
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Matrix: Solution	Test ID: T000179368	Started: 12/2/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 12/01/2021 @ 10:56 AM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.166	0.496	ND	ND	Amendment to T00017368 issued 03Dec2021 to correct sampling error. Density = 0.945g/mL
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.188	0.559	0.491	0.52	
Cannabidiolic acid (CBDA)	0.182	0.570	ND	ND	
Cannabidiol (CBD)	0.177	0.556	16.158	17.10	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.207	0.616	ND	ND	
Cannabinolic Acid (CBNA)	0.118	0.353	ND	ND	
Cannabinol (CBN)	0.054	0.161	0.054*	0.06*	
Cannabigerolic acid (CBGA)	0.174	0.517	ND	ND	
Cannabigerol (CBG)	0.042	0.124	16.115	17.05	
Tetrahydrocannabivarinic Acid (THCVA)	0.147	0.437	ND	ND	
Tetrahydrocannabivarin (THCV)	0.038	0.113	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.076	0.238	ND	ND	
Cannabidivarin (CBDV)	0.042	0.131	0.087*	0.09*	
Cannabichromenic Acid (CBCA)	0.067	0.199	ND	ND	
Cannabichromene (CBC)	0.073	0.218	0.888	0.94	
Total Cannabinoids			33.793	35.76	
Total Potential THC**			0.491	0.52	
Total Potential CBD**			16.158	17.10	

K Winterheimer
 Karen Winterheimer
 09-Dec-2021
 08:20 AM

Samantha Smith
 Sam Smith
 9-Dec-21
 8:32 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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