

Prepared for:

Gaia Botanicals LLC
642 COX


Batch ID or Lot Number: 642 COX	Test: Potency	Reported: 8/17/21	Location: 410 S Arthur Ave Louisville, CO 80027
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Matrix: Solution	Test ID: T000156000	Started: 8/12/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC (Colorado Panel)	Received: 08/06/2021 @ 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)	0.143	0.474	0.424	0.47	Density = 0.91g/mL
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.161	0.535	1.292	1.42	
Cannabidiolic acid (CBDA)	0.238	0.567	25.261	27.76	
Cannabidiol (CBD)	0.232	0.553	26.265	28.86	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.178	0.590	ND	ND	
Cannabinolic Acid (CBNA)	0.102	0.338	ND	ND	
Cannabinol (CBN)	0.047	0.154	0.083*	0.09*	
Cannabigerolic acid (CBGA)	0.149	0.495	0.229*	0.25*	
Cannabigerol (CBG)	0.036	0.118	0.622	0.68	
Tetrahydrocannabivarinic Acid (THCVA)	0.126	0.418	ND	ND	
Tetrahydrocannabivarin (THCV)	0.032	0.108	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.099	0.237	0.101*	0.11*	
Cannabidivarin (CBDV)	0.055	0.131	0.089*	0.1*	
Cannabichromenic Acid (CBCA)	0.057	0.191	1.397	1.54	
Cannabichromene (CBC)	0.063	0.209	1.301	1.43	
Total Cannabinoids			57.064	62.71	
Total Potential THC**			1.664	1.83	
Total Potential CBD**			48.419	53.21	


 Daniel Weidensaul
 17-Aug-2021
 01:50 PM


 Taylor Brevik
 17-Aug-21
 1:56 PM

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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