

Prepared for:

646 IMMSG
Gaia Botanicals LLC

Batch ID or Lot Number: 646 IMMSG	Test: Potency	Reported: 10/4/21	Location: 410 S Arthur Ave Louisville, CO 80027
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Matrix: Unit	Test ID: T000166560	Started: 9/30/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 09/29/2021 @ 11:20 AM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.080	0.203	ND	ND	# of Servings = 1 Sample Weight=0.857g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.091	0.229	0.512	0.60	
Cannabidiolic acid (CBDA)	0.066	0.232	ND	ND	
Cannabidiol (CBD)	0.064	0.227	17.924	20.92	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.100	0.252	ND	ND	
Cannabinolic Acid (CBNA)	0.057	0.144	ND	ND	
Cannabinol (CBN)	0.026	0.066	0.082	0.10	
Cannabigerolic acid (CBGA)	0.084	0.211	ND	ND	
Cannabigerol (CBG)	0.020	0.051	0.275	0.32	
Tetrahydrocannabivarinic Acid (THCVA)	0.071	0.179	ND	ND	
Tetrahydrocannabivarin (THCV)	0.018	0.046	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.027	0.097	ND	ND	
Cannabidivarin (CBDV)	0.015	0.054	0.088	0.10	
Cannabichromenic Acid (CBCA)	0.032	0.081	ND	ND	
Cannabichromene (CBC)	0.035	0.089	0.668	0.78	
Total Cannabinoids			19.549	22.82	
Total Potential THC**			0.512	0.60	
Total Potential CBD**			17.924	20.92	


 Hannah Wright
 04-Oct-2021
 06:13 PM

PREPARED BY / DATE


 Daniel Weidensaul
 4-Oct-21
 6:15 PM

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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