

Prepared for:

**649 COSG**
**Gaia Botanicals LLC**


Batch ID or Lot Number: <b>N/A</b>	Test: <b>Potency</b>	Reported: <b>9/3/21</b>	Location: 410 S Arthur Ave Louisville, CO 80027
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Matrix: Unit	Test ID: T000160510	Started: 9/2/21	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: 08/27/2021 @ 12:24 PM	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)	0.053	0.183	0.130	0.35	# of Servings = 1 Sample Weight=0.375g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.060	0.207	0.437	1.17	
Cannabidiolic acid (CBDA)	0.076	0.214	7.507	20.02	
Cannabidiol (CBD)	0.074	0.209	8.749	23.33	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.066	0.227	ND	ND	
Cannabinolic Acid (CBNA)	0.038	0.130	ND	ND	
Cannabinol (CBN)	0.017	0.060	0.022*	0.06*	
Cannabigerolic acid (CBGA)	0.056	0.191	0.07*	0.19*	
Cannabigerol (CBG)	0.013	0.046	0.197	0.53	
Tetrahydrocannabivarinic Acid (THCVA)	0.047	0.161	ND	ND	
Tetrahydrocannabivarin (THCV)	0.012	0.042	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.032	0.089	0.039*	0.1*	
Cannabidivarin (CBDV)	0.017	0.049	0.032*	0.09*	
Cannabichromenic Acid (CBCA)	0.021	0.074	0.363	0.97	
Cannabichromene (CBC)	0.023	0.080	0.382	1.02	
<b>Total Cannabinoids</b>			<b>17.928</b>	<b>47.81</b>	
Total Potential THC**			0.551	1.47	
Total Potential CBD**			15.333	40.89	

  
 Daniel Weidensaul  
 03-Sep-2021  
 12:57 PM

  
 Karen Winternheimer  
 3-Sep-21  
 1:02 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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