

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 |
|---|-------------------------|-----------------------------|---|


| | | | |
|---------------------|------------------------|---------------------|----------------------|
| Matrix: Solution | Test ID: T000155999 | 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 |
|----------------|---|------------------------------------|--------------------|

CANNABINOID PROFILE

| Compound | LOD (mg/mL) | LOQ (mg/mL) | Result (mg/mL) | Result (mg/g) | Notes |
|--|-------------|-------------|----------------|---------------|--------------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.134 | 0.444 | 0.496 | 0.55 | Density = 0.91g/mL |
| Delta 9-Tetrahydrocannabinol (Delta 9THC) | 0.151 | 0.502 | 1.313 | 1.44 | |
| Cannabidiolic acid (CBDA) | 0.223 | 0.531 | 25.668 | 28.21 | |
| Cannabidiol (CBD) | 0.217 | 0.518 | 26.608 | 29.24 | |
| Delta 8-Tetrahydrocannabinol (Delta 8THC) | 0.167 | 0.552 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.095 | 0.316 | ND | ND | |
| Cannabinol (CBN) | 0.044 | 0.145 | 0.086* | 0.09* | |
| Cannabigerolic acid (CBGA) | 0.140 | 0.464 | 0.23* | 0.25* | |
| Cannabigerol (CBG) | 0.033 | 0.111 | 0.623 | 0.68 | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.118 | 0.392 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.030 | 0.101 | ND | ND | |
| Cannabidivarinic Acid (CBDVA) | 0.093 | 0.222 | 0.102* | 0.11* | |
| Cannabidivarin (CBDV) | 0.051 | 0.123 | 0.091* | 0.1* | |
| Cannabichromenic Acid (CBCA) | 0.054 | 0.179 | 1.425 | 1.57 | |
| Cannabichromene (CBC) | 0.059 | 0.195 | 1.321 | 1.45 | |
| Total Cannabinoids | | | 57.963 | 63.70 | |
| Total Potential THC** | | | 1.748 | 1.92 | |
| Total Potential CBD** | | | 49.119 | 53.98 | |


 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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