

## Certificate of Analysis

## Arete

,

## Sample: 01-06-2023-28757

Sample Received:01/06/2023; Report Created: 02/08/2023; Expires: 01/09/2024

| han<br>it , Flower - Cured   |  |  |   |   |                          |        |  |
|--|--|--|---|---|--------------------------|--------|--|
|  | 16.842%Total THC20.141 %Total Cannabinoids   |  |   |   | <b>0.237%</b><br>Δ-9 THC |        |  |
|  |  |  |   |   |                          |        |  |
| And to the second secon |  |  |   | <loq %<br="">Total CBD</loq>  |                          |        |  |
| annabinoids<br>sting Method: HPLC, CON-P-3000)<br>te Tested: 01/06/2023  |  |  |   |   | C                        | omplet |  |
| Analyte  | LOD  | LOQ  | Mass  | Mass  |                          |        |  |
|  | %  | %  | %   | mg/g  |                          |        |  |
| Δ-8-Tetrahydrocannabinol ( $Δ$ -8 THC)   | 0.0495   | 0.0743   | ND  | ND  |                          |        |  |
| $\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)  | 0.0495   | 0.0743   | 0.237   | 2.366   | 1                        |        |  |
| $\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)   | 0.0495   | 0.0743   | 18.935  | 189.347   |                          |        |  |
| $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)  | 0.0495   | 0.0743   | ND  | ND  |                          |        |  |
|  |  |  | ND  | ND  |                          |        |  |
| $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)   | 0.0495   | 0.0743   | ND  | ND  |                          |        |  |
| Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)<br>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)   | 0.0495<br>0.0495   | 0.0743<br>0.0743   | 0.102   | 1.020   |                          |        |  |
|  |  |  |   |   |                          |        |  |
| $\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)   | 0.0495   | 0.0743   | 0.102   | 1.020   |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)<br>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)  | 0.0495<br>0.0495   | 0.0743<br>0.0743   | <b>0.102</b><br>ND  | <b>1.020</b><br>ND  |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)<br>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)<br>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)  | 0.0495<br>0.0495<br>0.0495   | 0.0743<br>0.0743<br>0.0743   | <b>0.102</b><br>ND<br>ND  | <b>1.020</b><br>ND<br>ND  |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)<br>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)<br>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)<br>9R-Hexahydrocannabinol (9R-HHC)   | 0.0495<br>0.0495<br>0.0495<br>0.0495   | 0.0743<br>0.0743<br>0.0743<br>0.0743   | 0.102<br>ND<br>ND<br>ND   | <b>1.020</b><br>ND<br>ND  |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)<br>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)<br>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)<br>9R-Hexahydrocannabinol (9R-HHC)<br>9S-Hexahydrocannabinol (9S-HHC)  | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495   | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743   | 0.102<br>ND<br>ND<br>ND<br>ND   | <b>1.020</b><br>ND<br>ND<br>ND  |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)<br>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)<br>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)<br>9R-Hexahydrocannabinol (9R-HHC)<br>9S-Hexahydrocannabinol (9S-HHC)<br>Tetrahydrocannabinol Acetate (THCO)   | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495   | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743   | 0.102<br>ND<br>ND<br>ND<br>ND   | <b>1.020</b><br>ND<br>ND<br>ND<br>ND  |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidi(CBD)Cannabidiol (CBD)   | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495   | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743   | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)   | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495   | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743   | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND                                       | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq< td=""><td></td><td></td></loq<>    |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)  | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0327<br>0.0495                               | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743                               | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.075</loq<br>                   | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.752</loq<br>                   |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)  | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0327<br>0.0495<br>0.0495<br>0.0495                               | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743                     | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br>SLOQ<br>0.075<br>0.643                         | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.752<br/>6.426</loq<br>               |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerol (CBG)Cannabiol (CBN)  | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0327<br>0.0495<br>0.0495<br>0.0495<br>0.0495                     | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743 | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.075<br/>0.643<br/>ND</loq<br>        | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.752<br/>6.426<br/>ND</loq<br>        |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarin (CBDVA)Cannabidiol (CBD)Cannabidiol (CBDA)Cannabigerol (CBG)Cannabigerol (CBG)Cannabiol (CBN)Cannabiol (CBN)Cannabiol (CBN)Cannabiol (CBN)Cannabiol (CBN)  | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0327<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495 | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743 | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.075<br/>0.643<br/>ND<br/>ND</loq<br> | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.752<br/>6.426<br/>ND<br/>ND</loq<br> |                          |        |  |
| Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerol (CBG)Cannabiol (CBN)  | 0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0495<br>0.0327<br>0.0495<br>0.0495<br>0.0495<br>0.0495                     | 0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743<br>0.0743 | 0.102<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.075<br/>0.643<br/>ND</loq<br>        | 1.020<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.752<br/>6.426<br/>ND</loq<br>        |                          |        |  |

Total THC = THCa \* 0.877 + Δ9-THC;Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty:  $\pm$  0.040% Total CBD Measurement of Uncertainty:  $\pm$  2.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -9-THCO isomers



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa

Laboratory Director

Amended report issued to reflect change in sample identification.



All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.

