

## Certificate of Analysis

## Arete

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## Sample: 09-13-2023-38505

Sample Received:09/13/2023; Report Created: 09/19/2023; Expires: 09/14/2024

| ush<br>wer - Uncured   |  |  |   |  |         |      |  |
|--|--|--|---|--|---------|------|--|
|  | 20.405 %   |  |   |  | 0.173%  |      |  |
|  | 20.403 /0  |  | 0   | 0.17070  |         | , ,0 |  |
|  |  | Total THC  |   |  | Δ-9 THC |      |  |
|  | 23.994 %   |  |   |  |         |      |  |
|  |  |  |   | <loq %<="" td=""></loq>  |         |      |  |
|  |  |  |   |  |         |      |  |
| Sources country  | Total Cannabinoids   |  |   | Total CBD  |         |      |  |
| abinoids<br>ethod:HPLC, CON-P-3000)<br>ed: 09/13/2023  |  |  |   |  |         | Cor  |  |
| Analyte  | LOD  | LOQ  | Mass  | Mass   |         |      |  |
|  | %  | %  | %   | mg/g   |         |      |  |
| $\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)  | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| $\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)  | 0.0490   | 0.0735   | 0.173   | 1.725  | 1       |      |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)   | 0.0490   | 0.0735   | 23.070  | 230.696  |         |      |  |
| $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)  | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)   | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| $\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)   | 0.0490   | 0.0735   | 0.078   | 0.784  | 1       |      |  |
| R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)   | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| S- $\Delta$ -10-Tetrahydrocannabinol (S- $\Delta$ -10-THC)   | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| 9R-Hexahydrocannabinol (9R-HHC)  | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| 9S-Hexahydrocannabinol (9S-HHC)  | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
|  | 0.0490   | 0.0735   | ND  | ND   |         |      |  |
| Tetrahydrocannabinol Acetate (THCO)  | 0.0170   |  |   | ND   |         |      |  |
| Tetrahydrocannabinol Acetate (THCO)<br>Cannabidivarin (CBDV)   | 0.0490   | 0.0735   | ND  | n.b  |         |      |  |
|  |  | 0.0735<br>0.0735   | ND<br>ND  | ND   |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)  | 0.0490<br>0.0490<br>0.0490   | 0.0735<br>0.0735   | ND<br>ND  | ND<br>ND   |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)   | 0.0490<br>0.0490<br>0.0490<br>0.0314   | 0.0735<br>0.0735<br>0.0735   | ND<br>ND<br><loq< td=""><td>ND<br/>ND<br/><loq< td=""><td></td><td></td></loq<></td></loq<>                                   | ND<br>ND<br><loq< td=""><td></td><td></td></loq<>                  |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)  | 0.0490<br>0.0490<br>0.0490<br>0.0314<br>0.0490                               | 0.0735<br>0.0735<br>0.0735<br>0.0735                               | ND<br>ND<br><loq<br><loq< td=""><td>ND<br/>ND<br/><loq<br><loq< td=""><td></td><td></td></loq<></loq<br></td></loq<></loq<br> | ND<br>ND<br><loq<br><loq< td=""><td></td><td></td></loq<></loq<br> |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)<br>Cannabidiolic Acid (CBDA)   | 0.0490<br>0.0490<br>0.0490<br>0.0314   | 0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735                     | ND<br>ND<br><loq< td=""><td>ND</td><td></td><td></td></loq<>  | ND   |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)<br>Cannabidiolic Acid (CBDA)<br>Cannabigerol (CBG)   | 0.0490<br>0.0490<br>0.0490<br>0.0314<br>0.0490                               | 0.0735<br>0.0735<br>0.0735<br>0.0735                               | ND<br>ND<br><loq<br><loq< td=""><td>ND<br/>ND<br/><loq<br><loq< td=""><td></td><td></td></loq<></loq<br></td></loq<></loq<br> | ND<br>ND<br><loq<br><loq< td=""><td></td><td></td></loq<></loq<br> |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)<br>Cannabidiolic Acid (CBDA)<br>Cannabigerol (CBG)<br>Cannabigerolic Acid (CBGA)   | 0.0490<br>0.0490<br>0.0314<br>0.0490<br>0.0490<br>0.0490<br>0.0490<br>0.0490 | 0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735 | ND<br>ND<br><loq<br>6.562</loq<br>  | ND<br>ND<br><loq<br><b>5.618</b><br/>ND<br/>ND</loq<br>            |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)<br>Cannabidiolic Acid (CBDA)<br>Cannabigerol (CBG)<br>Cannabigerolic Acid (CBGA)<br>Cannabigerolic Acid (CBGA)                   | 0.0490<br>0.0490<br>0.0314<br>0.0490<br>0.0490<br>0.0490<br>0.0490           | 0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735           | ND<br>ND<br><loq<br>6.562<br/>ND</loq<br>   | ND   |         |      |  |
| Cannabidivarin (CBDV)<br>Cannabidivarinic Acid (CBDVA)<br>Cannabidiol (CBD)<br>Cannabidiolic Acid (CBDA)<br>Cannabigerol (CBG)<br>Cannabigerolic Acid (CBGA)<br>Cannabinol (CBN)<br>Cannabinolic Acid (CBNA) | 0.0490<br>0.0490<br>0.0314<br>0.0490<br>0.0490<br>0.0490<br>0.0490<br>0.0490 | 0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735<br>0.0735 | ND<br><loq<br><loq<br>0.562<br/>ND<br/>ND</loq<br></loq<br>   | ND<br>ND<br><loq<br><b>5.618</b><br/>ND<br/>ND</loq<br>            |         |      |  |

Total THC Measurement of Uncertainty:  $\pm$  0.050% 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



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Natalie Siracusa

Laboratory Director

Amended report issued to reflect change in sample identification.

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