

## **Certificate of Analysis**

Page: 1 of 1

## **Greenshine Farms**

7271 Big Pine Rd Marshall, NC 28753 rpg1007@gmail.com 217-766-0921

## Sample: 11-08-2022-26886

Sample Received:11/08/2022; Report Created: 11/09/2022; Expires: 11/09/2023

| ry OG<br>wer - Cured   |  |  |   |  |                          |    |  |
|--|--|--|---|--|--------------------------|----|--|
|  | 0.454%<br>Total THC<br>17.742 %<br>Total Cannabinoids  |  |   |  | < <b>LOQ%</b><br>Δ-9 THC |    |  |
|  |  |  |   |  |                          |    |  |
| An Mach 2686 Orders the  |  |  |   | <b>14.047 %</b><br>Total CBD   |                          |    |  |
| abinoids<br>ethod:HPLC, CON-P-3000)  |  |  |   |  |                          | Co |  |
| d: 11/08/2022  | LOD  | LOQ  | Mass  | Mass   |                          |    |  |
| Analyte  | %  | %  | %   | mg/g   |                          |    |  |
|  |  |  |   |  |                          |    |  |
| $\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)  | 0.0500   | 0.0750   | ND  | ND   |                          |    |  |
|  |  |  |   |  |                          |    |  |
| $\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)  | 0.0340   | 0.0750   | <loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>   | <loq< td=""><td></td><td></td></loq<>  |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)   | 0.0500   | 0.0750   | 0.518   | 5.180  | i i                      |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)<br>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)   | 0.0500<br>0.0500   | 0.0750<br>0.0750   | 0.518<br>ND   | 5.180<br>ND  | Ì                        |    |  |
| $\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)<br>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)<br>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)  | 0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND   | 5.180<br>ND<br>ND  |                          |    |  |
| $\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)<br>$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)<br>$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)<br>$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)  | 0.0500<br>0.0500   | 0.0750<br>0.0750   | 0.518<br>ND   | 5.180<br>ND  |                          |    |  |
| $\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)<br>$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)<br>$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)<br>$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)<br>R- $\Delta$ -10-Tetrahydrocannabinol (R- $\Delta$ -10-THC)  | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND   | 5.180<br>ND<br>ND<br>ND  |                          |    |  |
| $\label{eq:linear} \begin{split} &\Delta\text{-}9\text{-}Tetrahydrocannabinolic Acid (THCA-A)} \\ &\Delta\text{-}9\text{-}Tetrahydrocannabiphorol ($\Delta\text{-}9\text{-}THCP) \\ &\Delta\text{-}9\text{-}Tetrahydrocannabivarin ($\Delta\text{-}9\text{-}THCV) \\ &\Delta\text{-}9\text{-}Tetrahydrocannabivarinic Acid ($\Delta\text{-}9\text{-}THCVA) \\ &R\text{-}\Delta\text{-}10\text{-}Tetrahydrocannabinol ($R-\Delta\text{-}10\text{-}THC) \\ &S\text{-}\Delta\text{-}10\text{-}Tetrahydrocannabinol ($S-\Delta\text{-}10\text{-}THC) \end{split}$            | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND   | 5.180<br>ND<br>ND<br>ND<br>ND  |                          |    |  |
| $\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)<br>$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)<br>$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)<br>$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)<br>R- $\Delta$ -10-Tetrahydrocannabinol (R- $\Delta$ -10-THC)<br>S- $\Delta$ -10-Tetrahydrocannabinol (S- $\Delta$ -10-THC)<br>9R-Hexahydrocannabinol (9R-HHC)   | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND  |                          |    |  |
| $\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)<br>$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)<br>$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)<br>$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)<br>R- $\Delta$ -10-Tetrahydrocannabinol (R- $\Delta$ -10-THC)<br>S- $\Delta$ -10-Tetrahydrocannabinol (S- $\Delta$ -10-THC)<br>9R-Hexahydrocannabinol (9R-HHC)<br>9S-Hexahydrocannabinol (9S-HHC)  | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND  |                          |    |  |
| <ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinc Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> </ul>   | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND  |                          |    |  |
| <ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinc Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> <li>Cannabidivarin (CBDV)</li> </ul>  | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND  |                          |    |  |
| <ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinc Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> <li>Cannabidivarin (CBDV)</li> <li>Cannabidivarin (Acid (CBDVA)</li> </ul>  | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>SLOQ   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq< td=""><td></td><td></td></loq<>                       |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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 (CBDV)Cannabidiol (CBD)   | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>SLOQ<br>0.829  | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>CLOQ<br>8.290   |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)   | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500   | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750   | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.829<br/>15.072</loq<br>  | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>8.290<br/>150.720</loq<br>                                |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)   | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500                               | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750                               | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.829<br/>15.072<br/><loq< td=""><td>5.180<br/>ND<br/>ND<br/>ND<br/>ND<br/>ND<br/>ND<br/>CLOQ<br/>8.290<br/>150.720<br/><loq< td=""><td></td><td></td></loq<></td></loq<></loq<br> | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>CLOQ<br>8.290<br>150.720<br><loq< td=""><td></td><td></td></loq<> |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarini (Δ-9-THCV)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 (9C-10-THC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (9S-HHC)Cannabidivarini CCBDV)Cannabidivarini Acid (CBDVA)Cannabidiol (CBD)Cannabidiol (CBD)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)  | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500           | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750                     | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.829<br/>15.072<br/><loq<br>0.620</loq<br></loq<br>   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>CLOQ<br>8.290<br>150.720<br><loq<br>6.200</loq<br>                |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9C-10-THC)9S-Hexahydrocannabinol (9C-10-THC)9S-Hexahydrocannabinol (9C-10-THC)Cannabinol Acetate (THCO)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerolic Acid (CBGA)Cannabinol (CBN)  | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500           | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750           | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.829<br/>15.072<br/><loq<br>0.620<br/>ND</loq<br></loq<br>  | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>CLOQ<br>8.290<br>150.720<br><loq<br>6.200<br/>ND</loq<br>         |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarin (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (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)Cannabigerolic Acid (CBGA)Cannabinol (CBN)Cannabinol (CBN)Cannabinol (CBN)Cannabinol (CBNA) | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500 | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750 | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.829<br/>15.072<br/><loq<br>0.620<br/>ND<br/>ND</loq<br></loq<br>   | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>CLOQ<br>8.290<br>150.720<br><loq<br>6.200<br/>ND<br/>ND</loq<br>  |                          |    |  |
| Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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 (S-Δ-10-THC)9R-Hexahydrocannabinol (9C-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarinic Acid (CBDVA)Cannabidiolic Acid (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)Cannabinol (CBN)   | 0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500<br>0.0500           | 0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750<br>0.0750           | 0.518<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br><loq<br>0.829<br/>15.072<br/><loq<br>0.620<br/>ND</loq<br></loq<br>  | 5.180<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>CLOQ<br>8.290<br>150.720<br><loq<br>6.200<br/>ND</loq<br>         |                          |    |  |

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

Natalie Siracusa

Laboratory Director

New Bloom Labs 10606 Shady Trail, 105 Dallas,TX 75520 (844) 837-8223 TX DEA#:RN0594653

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