

PREPARED BY DESERT VALLEY TESTING FOR:

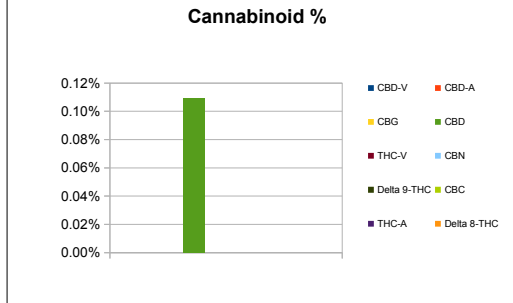


DESERT VALLEY TESTING
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Phoenix, Arizona 85013
480-788-6644

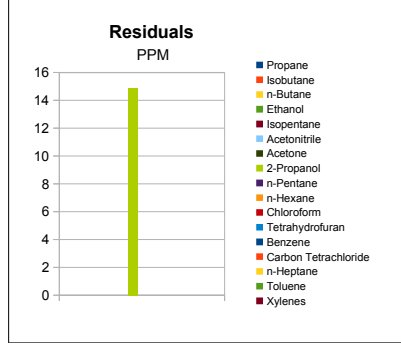
www.desertvalleytesting.com

| Sample Information | | |
|------------------------|--------------------|------|
| Sample Identification | ReLEAF Roll-On 100 | |
| Laboratory Number | 2019006047 | |
| Batch Number | B1919 | |
| Matrix | Topical | |
| Analyzed Date | 03/18/19 | |
| Extraction Date | 03/18/19 | |
| Cannabinoid (HPLC) | % | mg/g |
| Compound | | |
| CBD-V | ND | ND |
| CBD-A | ND | ND |
| CBG | ND | ND |
| CBD | 0.11% | 1.09 |
| THC-V | ND | ND |
| CBN | ND | ND |
| Delta 9-THC | ND | ND |
| CBC | ND | ND |
| THC-A | ND | ND |
| Delta 8-THC | ND | ND |
| Cannabinoids Total | | |
| Max Active THC | ND | ND |
| Max Active CBD | 0.11% | 1.09 |
| T. Active Cannabinoids | 0.11% | 1.09 |
| Total Cannabinoids | 0.11% | 1.09 |

| Max Active Ratios | | |
|-------------------|--|--|
| NA :1 CBD to THC | | |
| ND :1 THC to CBD | | |



| RS (GCMS-HS) Compound | PPM | RL |
|-----------------------|-------|------|
| Propane | ND | 5.0 |
| Isobutane | ND | 5.0 |
| n-Butane | ND | 5.0 |
| Ethanol | ND | 5.0 |
| Isopentane | ND | 5.0 |
| Acetonitrile | ND | 5.0 |
| Acetone | ND | 50.0 |
| 2-Propanol | 14.91 | 5.0 |
| n-Pentane | ND | 5.0 |
| n-Hexane | ND | 5.0 |
| Chloroform | ND | 5.0 |
| Tetrahydrofuran | ND | 5.0 |
| Benzene | ND | 5.0 |
| Carbon Tetrachloride | ND | 5.0 |
| n-Heptane | ND | 5.0 |
| Toluene | ND | 5.0 |
| Xylenes | ND | 10.0 |

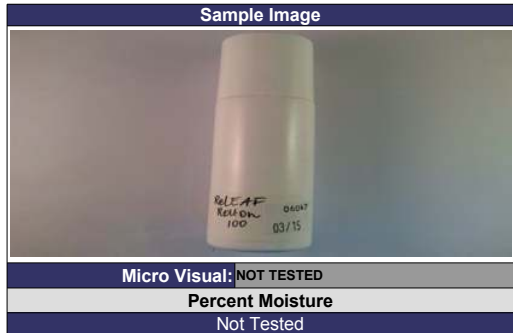
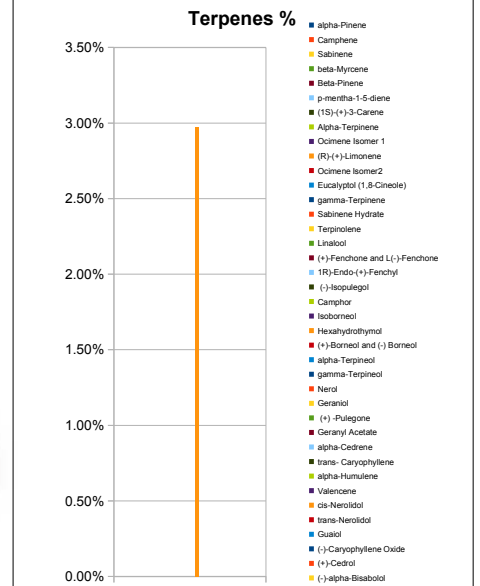


| | |
|--|--------------|
| g/topical | 85.04 |
| mg THC/topical | ND |
| mg CBD/topical | 92.61 |
| (mg) total cannabinoids/topical | 92.61 |

| Metals Compound | PPM | RL |
|-----------------|-----|-------|
| Lead | NT | 0.010 |
| Arsenic | NT | 0.010 |
| Cadmium | NT | 0.010 |
| Mercury | NT | 0.001 |

RL=Reporting Limit
NA=Not Applicable
NT=Not Tested
ND=Non Detected

| Terpene (GC-MS) Compound | % | mg/g |
|--------------------------------|--------------|--------------|
| alpha-Pinene | ND | ND |
| Camphene | ND | ND |
| Sabinene | ND | ND |
| beta-Myrcene | ND | ND |
| Beta-Pinene | ND | ND |
| p-mentha-1-5-diene | ND | ND |
| (1S)-(+)-3-Carene | ND | ND |
| Alpha-Terpinene | ND | ND |
| Ocimene Isomer 1 | ND | ND |
| (R)-(+)-Limonene | ND | ND |
| Ocimene Isomer2 | ND | ND |
| Eucalyptol (1,8-Cineole) | ND | ND |
| gamma-Terpinene | ND | ND |
| Sabinene Hydrate | ND | ND |
| Terpinolene | ND | ND |
| Linalool | ND | ND |
| (+)-Fenchone and L(-)-Fenchone | ND | ND |
| 1R)-Endo-(+)-Fenchyl | ND | ND |
| (-)-Isopulegol | ND | ND |
| Camphor | ND | ND |
| Isoborneol | ND | ND |
| Hexahydrothymol | 2.97% | 29.73 |
| (+)-Borneol and (-) Borneol | ND | ND |
| alpha-Terpineol | ND | ND |
| gamma-Terpineol | ND | ND |
| Nerol | ND | ND |
| Geraniol | ND | ND |
| (+)-Pulegone | ND | ND |
| Geranyl Acetate | ND | ND |
| alpha-Cedrene | ND | ND |
| trans-Caryophyllene | ND | ND |
| alpha-Humulene | ND | ND |
| Valencene | ND | ND |
| cis-Nerolidol | ND | ND |
| trans-Nerolidol | ND | ND |
| Guaiol | ND | ND |
| (-)-Caryophyllene Oxide | ND | ND |
| (+)-Cedrol | ND | ND |
| (-)-alpha-Bisabolol | ND | ND |
| Total Terpenes | 2.97% | 29.73 |



Chemist: EG
Report Expires: 04/18/19

