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PRODUCT REPORT
LOT #22

Product Description: Serene Relief 1200
Production Date: February 2020
Independent Lab: ProVerde Laboratories
Test Report: 62211
Results below after **22.3** :1 Dilution in Cream Base

| ID | Wt | Concentration |
|----------|--------|---------------|
| Compound | % | mg/jar |
| Δ9-THC | ND | ND |
| THCV | ND | ND |
| CBD | 4.4444 | 1200.0000 |
| CBDV | 0.0054 | 1.4531 |
| CBG | ND | ND |
| CBC | 0.0009 | 0.2906 |
| CBN | ND | ND |
| THCA | ND | ND |
| CBDA | ND | ND |
| CBGA | ND | ND |
| Total | 4.4507 | 1201.7437 |

| Heavy Metal Analysis | Amount ug/kg | MDL ug/kg | Limits ug/kg | Status |
|----------------------|--------------|-----------|--------------|--------|
| Aluminum | 19.82 | 5 | - | |
| Arsenic | ND | 4 | 150 | Pass |
| Cadmium | ND | 1 | 150 | Pass |
| Calcium | 173.65 | 500 | - | |
| Chromium | ND | 5 | 2,500 | Pass |
| Cobalt | ND | 10 | - | |
| Copper | ND | 500 | 10,000 | Pass |
| Iron | 8.16 | 5 | - | |
| Lead | 0.09 | 2 | 500 | Pass |
| Magnesium | 456.73 | 5 | - | |
| Manganese | ND | 5 | - | |
| Mercury | ND | 2 | 150 | Pass |
| Molybdenum | ND | 5000 | 1,000 | Pass |
| Nickel | ND | 500 | 150 | Pass |
| Phosphorous | 360.89 | 500 | - | |
| Potassium | 658.73 | 5 | - | |
| Selenium | ND | 10 | - | |
| Silver | ND | 10 | - | |
| Sulfur | ND | 5 | - | |
| Tin | ND | 5000 | - | |
| Zinc | 24.85 | 5 | - | |

| Pathogenic Bacterial Contaminants Test ID | Analysis | Results | Units | Limits | Status |
|---|----------------|----------|-------|--------|--------|
| 62211-ECPT | E. coli (O157) | Negative | NA | ND | Pass |
| 62211-SPT | Salmonella | Negative | NA | ND | Pass |

| Microbiological Contaminants | Analysis | Result | Units | Limits | Status |
|------------------------------|-----------------------------------|--------|-------|--------|--------|
| AC | Aerobic Bacterial Count | <100 | CFU/g | 10,000 | PASS |
| CC | Coliform Bacterial Count | <100 | CFU/g | 100 | PASS |
| EB | Bile Tolerant Gram Negative Count | <100 | CFU/g | 100 | PASS |
| YM | Yeast & Mold | <100 | CFU/g | 1,000 | PASS |

| Mycotoxin Test ID | Date | Results | MDL ppb | Limits ppb | Status |
|-------------------|--------------|---------|---------|------------|--------|
| Total Aflatoxin | 22-August-19 | < MDL | 3 | < 20 | Pass |
| Total Ochratoxin | 22-August-19 | < MDL | 2 | < 20 | Pass |

| Volatile Organic Compounds Compound | CAS | Amount (ppm) | Limit (ppm) | Status |
|--|------------|---------------------|--------------------|---------------|
| Propane | 74-98-6 | ND | 1,000 | Pass |
| Isobutane | 75-28-5 | ND | 1,000 | Pass |
| Butane | 106-97-8 | ND | 1,000 | Pass |
| Methanol | 67-56-1 | ND | 3,000 | Pass |
| Ethanol | 64-17-5 | ND | 5,000 | Pass |
| Acetone | 67-64-1 | ND | 1,000 | Pass |
| Isoproponol | 67-63-0 | ND | 5,000 | Pass |
| Acetonitrile | 75-05-8 | ND | 410 | Pass |
| Hexane | 110-54-3 | 9.42 | 290 | Pass |
| Heptane | 142-82-5 | ND | 5,000 | Pass |