

Sample Name: Silver Mountain
 Tested for: Emerald Cup 2016
 Sample ID: 161121Q058
 Date Submitted: 11/21/2016
 Sample Type: Flower

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

Cannabinoid Summary

| | | |
|--------------------------------|---------------------|---------|
| Total THC | Δ^9 THC+THCa | 16.9 % |
| Total Potential Δ^9 THC | 150.1 mg/g | 15.01 % |
| Total CBD | CBD+CBDA | 0.06 % |
| Total Potential CBD | 0.5 mg/g | 0.05 % |

Full Cannabinoid Profile

| | |
|------------------|--------|
| THC | 1.5 % |
| THCa | 15.4 % |
| CBD | 0.0 % |
| CBDA | 0.06 % |
| CBN | 0.0 % |
| CBDV | 0.0 % |
| CBDVa | 0.0 % |
| CBG | 0.08 % |
| CBGa | 1.53 % |
| THCV | 0.0 % |
| Δ^8 - THC | 0.0 % |
| CBC | 0.0 % |

Total Active Cannabinoids: 16.96 %

Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry.

| | Reporting Limit |
|----------------|-----------------|
| Acequinocyl | ND |
| Abamectin | ND |
| Bifenazate | ND |
| Daminozide | ND |
| Fenoxycarb | ND |
| Imidacloprid | ND |
| Myclobutanil | ND |
| Pacllobutrazol | ND |
| Pyrethrins | ND |
| Spinosad | ND |
| Spiromesifen | ND |
| Spirotetramat | ND |

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

| | | | |
|---------------------------|-------------|------------|------------|
| Total Yeast and Mold | 66000 cfu/g | E.coli | ND |
| Pseudomonas | ND | Coliforms | <100 cfu/g |
| Total Aerobic Plate Count | 29000 cfu/g | Salmonella | ND |

Terpene Test Results

Terpene Analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

| | mg/g / % | | mg/g / % |
|-----------------------|--------------|-----------------------|--------------|
| α Bisabolol | 0.48 / 0.048 | α Terpinene | 0.13 / 0.013 |
| α Pinene | 0.52 / 0.052 | Linalool | 0.25 / 0.025 |
| 3 Carene | 0.27 / 0.027 | Limonene | 1.76 / 0.176 |
| Borneol | 0.03 / 0.003 | Myrcene | 1.35 / 0.135 |
| β Caryophyllene | 2.06 / 0.206 | Fenchol | 0.12 / 0.012 |
| Geraniol | 0.00 / 0.000 | α Phellandrene | 0.30 / 0.030 |
| α Humulene | 0.65 / 0.065 | Caryophyllene Oxide | 0.11 / 0.011 |
| Terpinolene | 6.49 / 0.649 | Terpineol | 0.36 / 0.036 |
| Valencene | 0.00 / 0.000 | β Pinene | 0.82 / 0.082 |
| Menthol | 0.02 / 0.002 | R-(+)-Pulegone | 0.06 / 0.006 |
| Nerolidol | 0.59 / 0.059 | Geranyl Acetate | 0.03 / 0.003 |
| Camphene | 0.02 / 0.002 | Citronellol | 0.00 / 0.000 |
| Eucalyptol | 0.00 / 0.000 | p-Cymene | 0.00 / 0.000 |
| α Cedrene | 0.00 / 0.000 | Ocimene | 2.68 / 0.268 |
| Camphor | 0.00 / 0.000 | Guaiol | 0.03 / 0.003 |
| (-)-Isopulegol | 0.07 / 0.007 | Phytol | 0.28 / 0.028 |
| Sabinene | 0.00 / 0.000 | Isoborneol | 0.00 / 0.000 |

Total Terpene Concentration: 19.60 mg/g / 1.960 %

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

| | | | |
|--------------------|-----|-----------------------|-----|
| Propane | N/A | Ethanol | N/A |
| Methanol | N/A | Isopropanol | N/A |
| Isobutane | N/A | Mercaptan | N/A |
| 2,2-Dimethylbutane | N/A | 2-Methylpentane | N/A |
| 3-Methylpentane | N/A | Cyclohexane + Benzene | N/A |
| Isopentane | N/A | Neopentane | N/A |
| n Butane | N/A | n Heptane | N/A |
| n Hexane | N/A | n Pentane | N/A |

Sample Certification



Scan to verify at sclabs.com

This sample has been tested by SC Labs and the results are valid until the expiration date shown.

Josh Wurzer
 Josh Wurzer, President