

Certificate of Analysis

Sample Name: Palm Springs Safe Access Atomic Northern Lights #11
Tested for: City of Palm Springs **Sample Type:** Sativa
Sample ID: 151111P003 **Total Sample Wt:** 1 Gram
Date Tested: 11/15/2015

Potency Test Results

Full spectrum cannabinoid profiling and analysis utilizing High Performance Liquid Chromatography (HPLC/UV)

Cannabinoid Summary

| | | |
|--------------------------------|---------------------|--------|
| Total THC | $\Delta 9$ THC+THCa | 7.8 % |
| Total Potential $\Delta 9$ THC | 69.1 mg/g | 6.91 % |
| Total CBD | CBD+CBDA | 0.1 % |
| Total Potential CBD | 0.9 mg/g | 0.09 % |
| Total CBN | Total CBN | 0 % |

Full Cannabinoid Profile

| | | |
|-----------------------------------|----------------|--------|
| Tetrahydrocannabinol | $\Delta 9$ THC | 0.54 % |
| Tetrahydrocannabinolic Acid | THCa | 7.26 % |
| Cannabidiol | CBD | 0 % |
| Cannabidiolic Acid | CBDA | 0.1 % |
| Cannabinol | CBN | 0 % |
| Total Active Cannabinoids: | | 7.91 % |

Pesticide Test Results

HPLC-Mass Spectrometry for 12 compounds including pesticides, fungicides, and plant growth regulators

| | | | |
|---------------|--------------|--------------|--------------|
| Acequinocyl | Not Detected | Bifenazate | Not Detected |
| Pyrethrum | Not Detected | Daminozide | Not Detected |
| Spirotetramat | Not Detected | Fenoxycarb | Not Detected |
| Paclobotrazol | Not Detected | Spiromesifen | Not Detected |
| Spinosad | Not Detected | Abamectin | Not Detected |
| Imidacloprid | Not Detected | Myclobutanil | Not Detected |

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

| | | | |
|---------------------------|-------------|------------|------------|
| Total Yeast and Mold | 53000 cfu/g | E coli | ND |
| Pseudomonas | ND | Coliforms | <100 cfu/g |
| Total Aerobic Plate Count | 31000 cfu/g | Salmonella | ND |

Terpene Test Results

Screening and profiling for 34 terpenes found in Cannabis utilizing Gas Chromatography - Flame Ionization Detection (GC-FID)

| | mg/g / % | | mg/g / % |
|-----------------------|--------------|-----------------------|--------------|
| α Pinene | 0.00 / 0.000 | Myrcene | 0.00 / 0.000 |
| α Phellandrene | 0.00 / 0.000 | 3 Carene | 0.00 / 0.000 |
| α Terpinene | 0.00 / 0.000 | Limonene | 0.00 / 0.000 |
| Terpinolene | 0.00 / 0.000 | Linalool | 0.00 / 0.000 |
| Fenchol | 0.00 / 0.000 | Borneol | 0.00 / 0.000 |
| Terpineol | 0.00 / 0.000 | Geraniol | 0.00 / 0.000 |
| α Humulene | 0.00 / 0.000 | β Caryophyllene | 0.00 / 0.000 |
| Caryophyllene Oxide | 0.00 / 0.000 | α Bisabolol | 0.00 / 0.000 |
| Camphene | 0.00 / 0.000 | β Pinene | 0.00 / 0.000 |
| Ocimene | 0.00 / 0.000 | Sabinene | 0.00 / 0.000 |
| Camphor | 0.00 / 0.000 | Isoborneol | 0.00 / 0.000 |
| Menthol | 0.00 / 0.000 | α Cedrene | 0.00 / 0.000 |
| Nerolidol | 0.00 / 0.000 | R-(+)-Pulegone | 0.00 / 0.000 |
| Eucalyptol | 0.00 / 0.000 | p-Cymene | 0.00 / 0.000 |
| (-)-Isopulegol | 0.00 / 0.000 | Geranyl Acetate | 0.00 / 0.000 |
| Guaiol | 0.00 / 0.000 | Valencene | 0.00 / 0.000 |
| Phytol | 0.00 / 0.000 | Citronellol | 0.00 / 0.000 |

Total Terpene Concentration mg/g / 0.000 %

Residual Solvent Test Results

Headspace-Gas Chromatography for alkane and alcohol extractions

| | | | |
|--------------------|-----|-----------------------|-----|
| 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