

# Certificate of Analysis

**Sample Name:** OSD Fire OG #2  
**Tested for:** City of Palm Springs  
**Sample ID:** 150819T002  
**Date Tested:** 08/23/2015

**Sample Type:** Indica  
**Total Sample Wt:** 1 Gram

## Potency Test Results

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

### Cannabinoid Summary

|                                |                     |         |
|--------------------------------|---------------------|---------|
| <b>Total THC</b>               | $\Delta 9$ THC+THCa | 22.96 % |
| Total Potential $\Delta 9$ THC | 205.1 mg/g          | 20.51 % |
| <b>Total CBD</b>               | CBD+CBDA            | 0.04 %  |
| Total Potential CBD            | 0.4 mg/g            | 0.04 %  |
| <b>Total CBN</b>               | Total CBN           | 0 %     |

### Full Cannabinoid Profile

|                                   |                |         |
|-----------------------------------|----------------|---------|
| Tetrahydrocannabinol              | $\Delta 9$ THC | 2.98 %  |
| Tetrahydrocannabinolic Acid       | THCa           | 19.98 % |
| Cannabidiol                       | CBD            | 0 %     |
| Cannabidiolic Acid                | CBDA           | 0.04 %  |
| Cannabinol                        | CBN            | 0 %     |
| <b>Total Active Cannabinoids:</b> |                | 23 %    |

## Pesticide Test Results

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

|               |      |              |      |
|---------------|------|--------------|------|
| Acequinocyl   | Pass | Bifenazate   | Pass |
| Pyrethrum     | Pass | Daminozide   | Pass |
| Spirotetramat | Pass | Fenoxycarb   | Pass |
| Paclobotrazol | Pass | Spiromesifen | Pass |
| Spinosad      | Pass | Abamectin    | Pass |
| Imidacloprid  | Pass | Myclobutanil | Pass |

## Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

|                           |             |            |            |
|---------------------------|-------------|------------|------------|
| Total Yeast and Mold      | 4000 cfu/g  | E coli     | ND         |
| Pseudomonas               | ND          | Coliforms  | <100 cfu/g |
| Total Aerobic Plate Count | 16000 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 / %     |
|-----------------------|--------------|-----------------------|--------------|
| $\alpha$ Pinene       | 0.00 / 0.000 | Myrcene               | 0.00 / 0.000 |
| $\alpha$ Phellandrene | 0.00 / 0.000 | 3 Carene              | 0.00 / 0.000 |
| $\alpha$ 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 |
| $\alpha$ Humulene     | 0.00 / 0.000 | $\beta$ Caryophyllene | 0.00 / 0.000 |
| Caryophyllene Oxide   | 0.00 / 0.000 | $\alpha$ Bisabolol    | 0.00 / 0.000 |
| Camphene              | 0.00 / 0.000 | $\beta$ 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 | $\alpha$ 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