

# Certificate of Analysis

**Sample Name:** Pure Ratios Sativa Vape PTW6A

**Tested for:** Pure Ratios

**Sample ID:** 160823N005

**Date Tested:** 08/29/2016

**Sample Type:** Concentrate

**Total Sample Wt:** 1 Gram

## Potency Test Results

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

### Cannabinoid Summary

Compound	Concentration	%
<b>Total THC</b>	$\Delta 9$ THC+THCa	58.65 %
Total Potential $\Delta 9$ THC	566.2 mg/g	56.62 %
<b>Total CBD</b>	CBD+CBDA	0.03 %
Total Potential CBD	0.3 mg/g	0.03 %
<b>Total CBN</b>	Total CBN	0.47 %

### Full Cannabinoid Profile

Compound	Concentration	%
Tetrahydrocannabinol	$\Delta 9$ THC	42.13 %
Tetrahydrocannabinolic Acid	THCa	16.52 %
Cannabidiol	CBD	0 %
Cannabidiolic Acid	CBDA	0.03 %
Cannabinol	CBN	0.47 %
<b>Total Active Cannabinoids:</b>		59.15 %

## 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 Aerobic Plate Count	N/A	Total Yeast and Mold	N/A
Coliforms	N/A	E coli	N/A
Salmonella	N/A	Pseudomonas	N/A

## Terpene Test Results

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

Compound	mg/g / %	Compound	mg/g / %
$\alpha$ Pinene	N/A	Myrcene	N/A
$\alpha$ Phellandrene	N/A	3 Carene	N/A
$\alpha$ Terpinene	N/A	Limonene	N/A
Terpinolene	N/A	Linalool	N/A
Fenchol	N/A	Borneol	N/A
Terpineol	N/A	Geraniol	N/A
$\alpha$ Humulene	N/A	$\beta$ Caryophyllene	N/A
Caryophyllene Oxide	N/A	$\alpha$ Bisabolol	N/A
Camphene	N/A	$\beta$ Pinene	N/A
Ocimene	N/A	Sabinene	N/A
Camphor	N/A	Isoborneol	N/A
Menthol	N/A	$\alpha$ Cedrene	N/A
Nerolidol	N/A	R-(+)-Pulegone	N/A
Eucalyptol	N/A	p-Cymene	N/A
(-)-Isopulegol	N/A	Geranyl Acetate	N/A
Guaiol	N/A	Valencene	N/A
Phytol	N/A	Citronellol	N/A

**Total Terpene Concentration** N/A

## 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