

Certificate of Analysis

Sample Name: SOUR TSUNAMI CBD OI
 LIMS Sample ID: 190429U024
 Batch #:
 Sample Metric ID:
 Sample Type: Concentrate, Inhalable
 Batch Count:
 Sample Count:
 Unit Mass:
 Serving Mass:
 Density:

Date Collected: 04/29/2019
 Date Received: 04/30/2019
 Tested for: Syrup
 License #:
 Address:
 Produced by:
 License #:
 Address:
 Overall result for batch:

Moisture Test Results

Moisture	%
	NT

Water Activity Test Results

Water Activity	Aw	Action Limit Aw
	NT	

Cannabinoid Test Results

05/01/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD mg/g	LOQ mg/g
THC	2.079	0.2079	0.052	0.158
THCa	ND	ND	0.052	0.156
CBD	445.176	44.5176	0.052	0.158
CBDa	ND	ND	0.052	0.156
CBN	ND	ND	0.052	0.157
CBDV	2.534	0.2534	0.021	0.063
CBDVa	ND	ND	0.037	0.111
CBG	13.895	1.3895	0.030	0.092
CBGa	ND	ND	0.044	0.133
THCV	ND	ND	0.023	0.069
Δ8 - THC	ND	ND	0.053	0.162
CBC	2.247	0.2247	0.031	0.094
THCVa	ND	ND	0.091	0.276
CBL	ND	ND	0.130	0.393
CBCa	ND	ND	0.129	0.392

Sum of Cannabinoids: 465.931 46.5931

Total THC (Δ9THC+0.877*THCa) 2.079 0.2079
 Total CBD (CBD+0.877*CBDa) 445.176 44.5176

Action Limit mg

THC per Unit
 THC per Serving

Batch Photo

Terpene Test Results

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

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

Total Terpene Concentration: NT

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable



Josh Wurzer, President
 Date: 05/03/2019

Sample Name: SOUR TSUNAMI CBD OI

LIMS Sample ID: 190429U024

Batch #:

Sample Metric ID:

Sample Type: Concentrate, Inhalable

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

Density:

Date Collected: 04/29/2019

Date Received: 04/30/2019

Tested for: Syrup

License #:

Address:

Produced by:

License #:

Address:

Overall result for batch:

Pesticide Test Results

05/03/2019

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

	µg/g	Action Limit µg/g	Reporting Limit µg/g
Abamectin	ND	0.1	0.091
Bifenazate	ND	0.1	0.035
Bifenthrin	ND	3.0	0.038
Boscalid	ND	0.1	0.023
Etoxazole	ND	0.1	0.022
Imidacloprid	ND	5.0	0.050
Myclobutanil	ND	0.1	0.044
Piperonylbutoxide	ND	3.0	0.020
Pyrethrins	ND	0.5	0.036
Spinosad	ND	0.1	0.031
Spiromesifen	ND	0.1	0.015
Spirotetramat	ND	0.1	0.042

Heavy Metal Test Results

05/01/2019

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Cadmium	ND	0.2	0.012	0.035
Lead	ND	0.5	0.031	0.095
Arsenic	ND	0.2	0.013	0.039
Mercury	ND	0.1	0.002	0.005

Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	µg/kg	Action Limit µg/kg	LOD µg/kg	LOQ µg/kg
Aflatoxin B1, B2, G1, G2	NT			
Ochratoxin A	NT			

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable



Josh Wurzer, President

Date: 05/03/2019

CoA ID: 190429U024-001 - Page 2 of 3

Sample Name: SOUR TSUNAMI CBD OI

LIMS Sample ID: 190429U024

Batch #:

Sample Metric ID:

Sample Type: Concentrate, Inhalable

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

Density:

Date Collected: 04/29/2019

Date Received: 04/30/2019

Tested for: Syrup

License #:

Address:

Produced by:

License #:

Address:

Overall result for batch:

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
1,2-Dichloroethane	NT			
Benzene	NT			
Chloroform	NT			
Ethylene Oxide	NT			
Methylene chloride	NT			
Trichloroethylene	NT			
Acetone	NT			
Acetonitrile	NT			
Butane	NT			
Ethanol	NT			
Ethyl acetate	NT			
Ethyl ether	NT			
Heptane	NT			
Hexane	NT			
Isopropyl Alcohol	NT			
Methanol	NT			
Pentane	NT			
Propane	NT			
Toluene	NT			
Total Xylenes	NT			

Note

Microbiological Test Results

PCR and fluorescence detection of microbiological impurities

	Action Limit
Shiga toxin-producing Escherichia coli	NT
Salmonella spp.	NT
Aspergillus fumigatus	NT
Aspergillus flavus	NT
Aspergillus niger	NT
Aspergillus terreus	NT

Foreign Material Test Results


NT

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable


 Josh Wurzer, President
 Date: 05/03/2019

CoA ID: 190429U024-001 - Page 3 of 3