

Sample Name: **Sour-Tsunami Primary**
 Tested for: **OM Extracts**
Compliance Concentrate

Laboratory ID: 18J0041-05

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000007991

Lot # 180910-ST Tincture

Date Sampled: 10/10/18 12:55

Batch RFID: 1A4010300014ADD000007974

Date Accepted: 10/11/18

Batch Size: 2724 (g)

Results Valid Until: 10/10/19



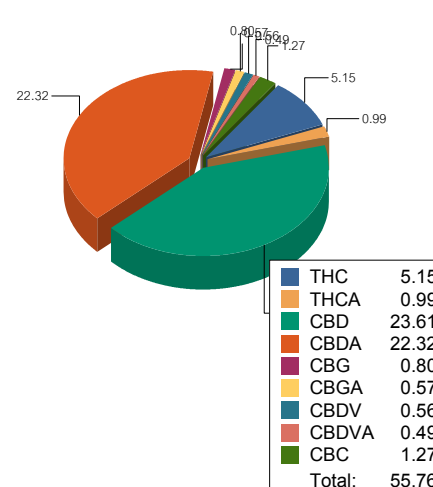
Potency Analysis

Date Extracted: 10/15/18

Analysis Method/SOP: Potency

Date Analyzed: 10/15/18

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	Cannabinoids Profile																				
Total THC ((THCA*0.877)+d9)	6.02	60.2	 <table border="1"> <tr><td>THC</td><td>5.15</td></tr> <tr><td>THCA</td><td>0.99</td></tr> <tr><td>CBD</td><td>23.61</td></tr> <tr><td>CBDA</td><td>22.32</td></tr> <tr><td>CBG</td><td>0.80</td></tr> <tr><td>CBGA</td><td>0.57</td></tr> <tr><td>CBDV</td><td>0.56</td></tr> <tr><td>CBDVA</td><td>0.49</td></tr> <tr><td>CBC</td><td>1.27</td></tr> <tr><td>Total:</td><td>55.76</td></tr> </table>	THC	5.15	THCA	0.99	CBD	23.61	CBDA	22.32	CBG	0.80	CBGA	0.57	CBDV	0.56	CBDVA	0.49	CBC	1.27	Total:	55.76
THC	5.15																						
THCA	0.99																						
CBD	23.61																						
CBDA	22.32																						
CBG	0.80																						
CBGA	0.57																						
CBDV	0.56																						
CBDVA	0.49																						
CBC	1.27																						
Total:	55.76																						
Total CBD ((CBDA*0.877)+CBD)	43.19	431.9																					
d9-THC (d9-Tetrahydrocannabinol)*	5.15	51.5																					
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ																					
THCA (d9-Tetrahydrocannabinolic Acid)*	0.99	9.9																					
CBD (Cannabidiol)*	23.61	236.1																					
CBDA (Cannabidiolic Acid)*	22.32	223.2																					
CBN (Cannabinol)*	< LOQ	< LOQ																					
CBG (Cannabigerol)*	0.80	8																					
CBGA (Cannabigerolic Acid)	0.57	5.7																					
CBDV (Cannabidivarin)*	0.56	5.6																					
CBDVA (Cannabidivarinic Acid)	0.49	4.9																					
CBC (Cannabichromene)*	1.27	12.7																					
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ																					
Total Cannabinoids	55.76	557.6																					

<LOQ - Results below the Limit of Quantitation - Compound not detected



Brian Weigel
Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: **Sour-Tsunami Duplicate**
 Tested for: **OM Extracts**
Compliance Concentrate

Laboratory ID: 18J0041-06

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000007991

Lot # 180910-ST Tincture

Date Sampled: 10/10/18 13:00

Batch RFID: 1A4010300014ADD000007974

Date Accepted: 10/11/18

Batch Size: 2724 (g)

Results Valid Until: 10/10/19



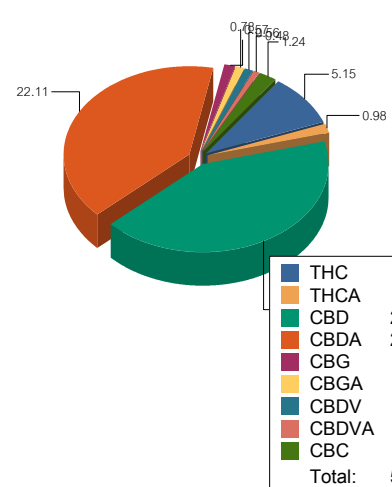
Potency Analysis

Date Extracted: 10/15/18

Analysis Method/SOP: Potency

Date Analyzed: 10/15/18

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	Cannabinoids Profile																				
Total THC ((THCA*0.877)+d9)	6.01	60.1	 <table border="1"> <tr><td>THC</td><td>5.15</td></tr> <tr><td>THCA</td><td>0.98</td></tr> <tr><td>CBD</td><td>23.41</td></tr> <tr><td>CBDA</td><td>22.11</td></tr> <tr><td>CBG</td><td>0.78</td></tr> <tr><td>CBGA</td><td>0.57</td></tr> <tr><td>CBDV</td><td>0.56</td></tr> <tr><td>CBDVA</td><td>0.48</td></tr> <tr><td>CBC</td><td>1.24</td></tr> <tr><td>Total:</td><td>55.28</td></tr> </table>	THC	5.15	THCA	0.98	CBD	23.41	CBDA	22.11	CBG	0.78	CBGA	0.57	CBDV	0.56	CBDVA	0.48	CBC	1.24	Total:	55.28
THC	5.15																						
THCA	0.98																						
CBD	23.41																						
CBDA	22.11																						
CBG	0.78																						
CBGA	0.57																						
CBDV	0.56																						
CBDVA	0.48																						
CBC	1.24																						
Total:	55.28																						
Total CBD ((CBDA*0.877)+CBD)	42.79	427.9																					
d9-THC (d9-Tetrahydrocannabinol)*	5.15	51.5																					
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ																					
THCA (d9-Tetrahydrocannabinolic Acid)*	0.98	9.8																					
CBD (Cannabidiol)*	23.41	234.1																					
CBDA (Cannabidiolic Acid)*	22.11	221.1																					
CBN (Cannabinol)*	< LOQ	< LOQ																					
CBG (Cannabigerol)*	0.78	7.8																					
CBGA (Cannabigerolic Acid)	0.57	5.7																					
CBDV (Cannabidivarin)*	0.56	5.6																					
CBDVA (Cannabidivarinic Acid)	0.48	4.8																					
CBC (Cannabichromene)*	1.24	12.4																					
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ																					
Total Cannabinoids	55.28	552.8																					

<LOQ - Results below the Limit of Quantitation - Compound not detected

Sample Name: **Sour-Tsunami**

Sample Metrc ID: 1A4010300014ADD000007991

	Primary Result	Duplicate Result	Average	% RPD	Pass/Fail (<20%RPD)
	%	%	%		
Total THC ((THCA*0.877)+d9)	6.02	6.01	6.02	0.166	PASS


 Brian Weigel
 Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: Sour-Tsunami Primary	Date Sampled: 10/10/18 12:55
Tested for: OM Extracts	Date Accepted: 10/11/18
Compliance Concentrate	Results Valid Until: 10/10/19
Laboratory ID: 18J0041-05	Sample Metrc ID: 1A4010300014ADD000007991
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000007974
Lot # 180910-ST Tincture	Batch Size: 2724 (g)

Terpene Analysis

Date Extracted: 10/15/18 Analysis Method/SOP: Terpenes
Date Analyzed: 10/15/18

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.254	0.100	Myrcene	0.608	0.100
alpha Phellandrene	< LOQ	0.100	3-Carene	< LOQ	0.100
alpha Terpinene	< LOQ	0.100	Limonene	0.362	0.100
Terpinolene	0.954	0.100	Linalool	0.104	0.100
Fenchol	< LOQ	0.100	Borneol	< LOQ	0.100
Terpineol	< LOQ	0.100	Geraniol	< LOQ	0.100
alpha Humulene	0.539	0.100	beta Caryophyllene	1.636	0.100
Caryophyllene Oxide	< LOQ	0.100	alpha Bisabolol	0.245	0.100
Camphene	< LOQ	0.100	beta Pinene	< LOQ	0.100
Ocimene	0.120	0.100	Sabinene	< LOQ	0.100
Camphor	< LOQ	0.100	Isoborneol	< LOQ	0.100
Menthol	< LOQ	0.100	alpha Cedrene	< LOQ	0.100
Nerolidol	< LOQ	0.100	R-(+)-Pulegone	< LOQ	0.100
Eucalyptol	< LOQ	0.100	p-Cymene	< LOQ	0.100
(-)-Isopulegol	< LOQ	0.100	Geranyl Acetate	< LOQ	0.100
Guaiol	0.123	0.100	Valencene	0.335	0.100
Phytol	0.497	0.100	Citronellol	< LOQ	0.100
gamma-Terpinene	< LOQ	0.100			
			Total Terpenes	5.777 %	

<LOQ - Results below the Limit of Quantitation - Compound not detected
Terpene Analysis is not ORELAP Accredited.



Brian Weigel
Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: **Sour-Tsunami Primary**

Date Sampled: **10/10/18 12:55**

Tested for: **OM Extracts**

Date Accepted: **10/11/18 18:20**

Compliance Concentrate

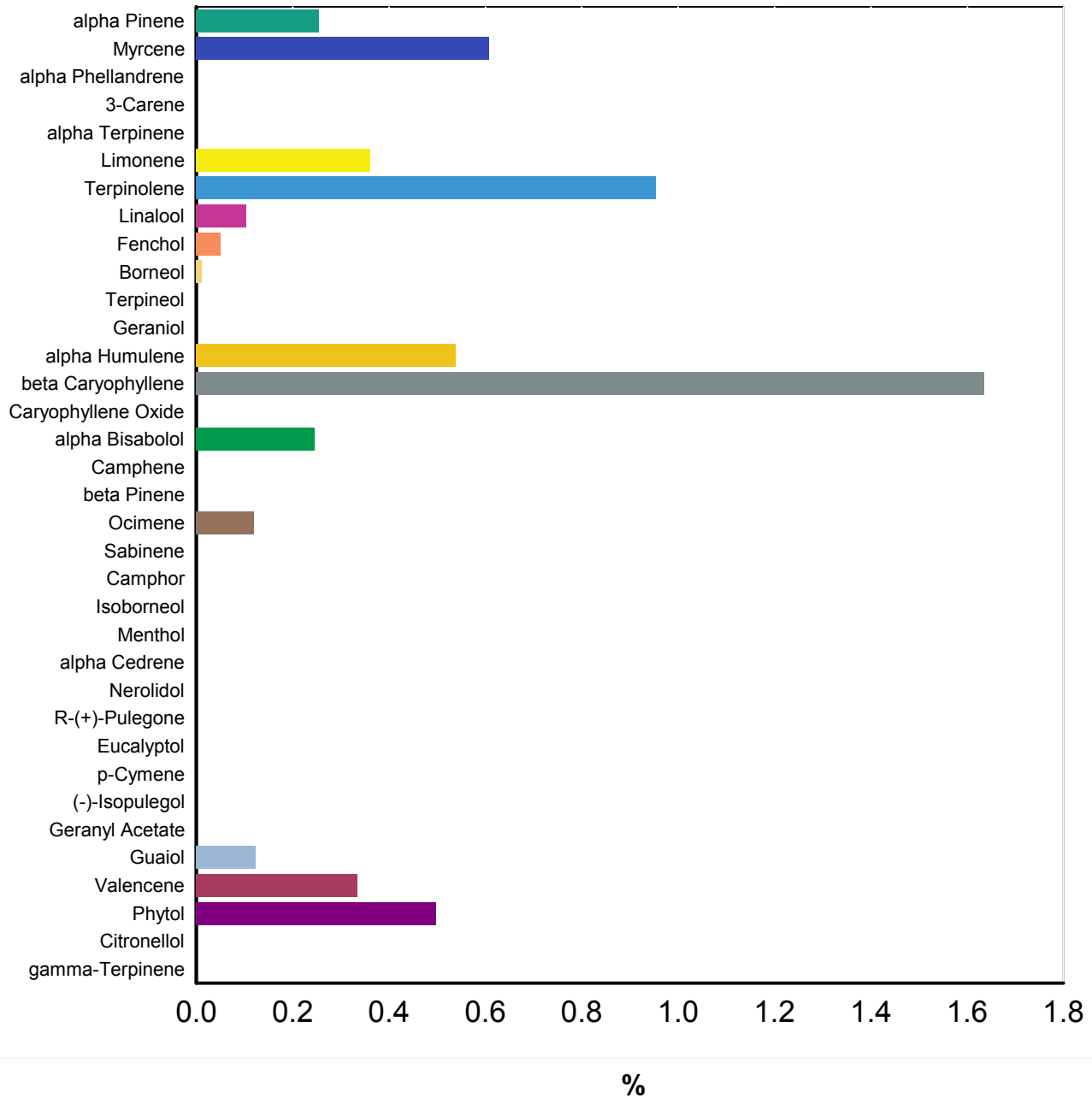
Results Valid Until: **10/10/19**

Laboratory ID: **18J0041-05**

Matrix: **Extracts and**

Client/Metric ID: **1A4010300014ADD000007991**

Terpene Profile



Brian Weigel
 Brian Weigel
 Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: **Sour-Tsunami Primary** Date Sampled: **10/10/18 12:55**
 Tested for: **OM Extracts** Date Accepted: **10/11/18**
Compliance Concentrate Results Valid Until: **10/10/19**

Laboratory ID: **18J0041-05** Sample Metrc ID: **1A4010300014ADD000007991**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000007974**
 Lot # **180910-ST Tincture** Batch Size: **2724 (g)**

Pesticide Analysis in ppm

Date Extracted: 10/12/18 Analysis Method/SOP: Pesticides
 Date Analyzed: 10/16/18 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.234	Acephate	< LOQ	0.4	0.187
Acequinocyl	< LOQ	2	0.937	Acetamiprid	< LOQ	0.2	0.094
Aldicarb	< LOQ	0.4	0.187	Azoxystrobin	< LOQ	0.2	0.094
Bifenazate	< LOQ	0.2	0.094	Bifenthrin	< LOQ	0.2	0.094
Boscalid	< LOQ	0.4	0.187	Carbaryl	< LOQ	0.2	0.094
Carbofuran	< LOQ	0.2	0.094	Chlorantraniliprole	< LOQ	0.2	0.094
Chlorfenapyr	< LOQ	1	0.469	Chlorpyrifos	< LOQ	0.2	0.094
Clofentezine	< LOQ	0.2	0.094	Cyfluthrin	< LOQ	1	0.469
Cypermethrin	< LOQ	1	0.469	Daminozide	< LOQ	1	0.469
DDVP (Dichlorvos)	< LOQ	1	0.469	Diazinon	< LOQ	0.2	0.094
Dimethoate	< LOQ	0.2	0.094	Ethoprophos	< LOQ	0.2	0.094
Etofenprox	< LOQ	0.4	0.187	Etoxazole	< LOQ	0.2	0.094
Fenoxycarb	< LOQ	0.2	0.094	Fenpyroximate	< LOQ	0.4	0.187
Fipronil	< LOQ	0.4	0.187	Fonicamid	< LOQ	1	0.469
Fludioxonil	< LOQ	0.4	0.187	Hexythiazox	< LOQ	1	0.469
Imazalil	< LOQ	0.2	0.094	Imidacloprid	< LOQ	0.4	0.187
Kresoxim-methyl	< LOQ	0.4	0.187	Malathion	< LOQ	0.2	0.094
Metalaxyl	< LOQ	0.2	0.094	Methiocarb	< LOQ	0.2	0.094
Methomyl	< LOQ	0.4	0.187	Methyl parathion	< LOQ	0.2	0.094
MGK-264	< LOQ	0.2	0.094	Myclobutanil	< LOQ	0.2	0.094
Naled	< LOQ	0.5	0.234	Oxamyl	< LOQ	1	0.469
Paclobutrazol	< LOQ	0.4	0.187	Permethrins (total)	< LOQ	0.2	0.094
Phosmet	< LOQ	0.2	0.094	Piperonyl butoxide	< LOQ	2	0.469
Prallethrin	< LOQ	0.2	0.094	Propiconazole	< LOQ	0.4	0.187
Propoxur	< LOQ	0.2	0.094	Pyrethrins (total)	< LOQ	1	0.469
Pyridaben	< LOQ	0.2	0.094	Spinosad	< LOQ	0.2	0.094
Spiromesifen	< LOQ	0.2	0.094	Spirotetramat	< LOQ	0.2	0.094
Spiroxamine	< LOQ	0.4	0.187	Tebuconazole	< LOQ	0.4	0.187
Thiacloprid	< LOQ	0.2	0.094	Thiamethoxam	< LOQ	0.2	0.094
Trifloxystrobin	< LOQ	0.2	0.094				

<LOQ - Results below the Limit of Quantitation - Compound not detected



Brian Weigel
Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: **Sour-Tsunami Duplicate** Date Sampled: **10/10/18 13:00**
 Tested for: **OM Extracts** Date Accepted: **10/11/18**
Compliance Concentrate Results Valid Until: **10/10/19**

Laboratory ID: **18J0041-06** Sample Metrc ID: **1A4010300014ADD000007991**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000007974**
 Lot # **180910-ST Tincture** Batch Size: **2724 (g)**

Pesticide Analysis in ppm

Date Extracted: 10/12/18 Analysis Method/SOP: Pesticides
 Date Analyzed: 10/16/18 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.244	Acephate	< LOQ	0.4	0.195
Acequinocyl	< LOQ	2	0.976	Acetamiprid	< LOQ	0.2	0.098
Aldicarb	< LOQ	0.4	0.195	Azoxystrobin	< LOQ	0.2	0.098
Bifenazate	< LOQ	0.2	0.098	Bifenthrin	< LOQ	0.2	0.098
Boscalid	< LOQ	0.4	0.195	Carbaryl	< LOQ	0.2	0.098
Carbofuran	< LOQ	0.2	0.098	Chlorantraniliprole	< LOQ	0.2	0.098
Chlorfenapyr	< LOQ	1	0.488	Chlorpyrifos	< LOQ	0.2	0.098
Clofentezine	< LOQ	0.2	0.098	Cyfluthrin	< LOQ	1	0.488
Cypermethrin	< LOQ	1	0.488	Daminozide	< LOQ	1	0.488
DDVP (Dichlorvos)	< LOQ	1	0.488	Diazinon	< LOQ	0.2	0.098
Dimethoate	< LOQ	0.2	0.098	Ethoprophos	< LOQ	0.2	0.098
Etofenprox	< LOQ	0.4	0.195	Etoxazole	< LOQ	0.2	0.098
Fenoxycarb	< LOQ	0.2	0.098	Fenpyroximate	< LOQ	0.4	0.195
Fipronil	< LOQ	0.4	0.195	Fonicamid	< LOQ	1	0.488
Fludioxonil	< LOQ	0.4	0.195	Hexythiazox	< LOQ	1	0.488
Imazalil	< LOQ	0.2	0.098	Imidacloprid	< LOQ	0.4	0.195
Kresoxim-methyl	< LOQ	0.4	0.195	Malathion	< LOQ	0.2	0.098
Metalaxyl	< LOQ	0.2	0.098	Methiocarb	< LOQ	0.2	0.098
Methomyl	< LOQ	0.4	0.195	Methyl parathion	< LOQ	0.2	0.098
MGK-264	< LOQ	0.2	0.098	Myclobutanil	< LOQ	0.2	0.098
Naled	< LOQ	0.5	0.244	Oxamyl	< LOQ	1	0.488
Paclobutrazol	< LOQ	0.4	0.195	Permethrins (total)	< LOQ	0.2	0.098
Phosmet	< LOQ	0.2	0.098	Piperonyl butoxide	< LOQ	2	0.488
Prallethrin	< LOQ	0.2	0.098	Propiconazole	< LOQ	0.4	0.195
Propoxur	< LOQ	0.2	0.098	Pyrethrins (total)	< LOQ	1	0.488
Pyridaben	< LOQ	0.2	0.098	Spinosad	< LOQ	0.2	0.098
Spiromesifen	< LOQ	0.2	0.098	Spirotetramat	< LOQ	0.2	0.098
Spiroxamine	< LOQ	0.4	0.195	Tebuconazole	< LOQ	0.4	0.195
Thiacloprid	< LOQ	0.2	0.098	Thiamethoxam	< LOQ	0.2	0.098
Trifloxystrobin	< LOQ	0.2	0.098				

<LOQ - Results below the Limit of Quantitation - Compound not detected



Brian Weigel
Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: Sour-Tsunami Primary	Date Sampled: 10/10/18 12:55
Tested for: OM Extracts	Date Accepted: 10/11/18
Compliance Concentrate	Results Valid Until: 10/10/19
Laboratory ID: 18J0041-05	Sample Metric ID: 1A4010300014ADD000007991
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000007974
Lot # 180910-ST Tincture	Batch Size: 2724 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 10/12/18
1,4-Dioxane	< LOQ	380	71.3	Date Analyzed: 10/12/18
2-Butanol	< LOQ	5000	438	Analysis Method/SOP: RST
2-Ethoxyethanol	< LOQ	160	30.0	
2-Propanol (IPA)	< LOQ	5000	438	
Acetone	< LOQ	5000	438	
Acetonitrile	< LOQ	400	76.9	
Benzene	< LOQ	2	0.750	
Butanes	< LOQ	5000	313	
Cyclohexane	< LOQ	3880	728	
Dichloromethane (methylene chloride)	< LOQ	600	113	
Ethyl acetate	< LOQ	5000	438	
Ethyl ether	< LOQ	5000	438	
Ethylbenzene	< LOQ	2170	406	
Ethylene glycol	< LOQ	620	116	
Ethylene oxide	< LOQ	50	37.5	
Heptane	< LOQ	5000	438	
Hexanes	< LOQ	290	54.4	
Isopropyl acetate	< LOQ	5000	438	
Isopropylbenzene (cumene)	< LOQ	70	13.1	
Methanol	< LOQ	3000	313	
Pentanes	< LOQ	5000	438	
Propane	< LOQ	5000	125	
Tetrahydrofuran	< LOQ	720	135	
Toluene	< LOQ	890	167	
Xylenes	< LOQ	2170	406	

<LOQ - Results below the Limit of Quantitation - Compound not detected
 Results above the Action Level fail state testing requirements and will be highlighted **Red #**.



Brian Weigel
 Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Sample Name: Sour-Tsunami Duplicate	Date Sampled: 10/10/18 13:00
Tested for: OM Extracts	Date Accepted: 10/11/18
Compliance Concentrate	Results Valid Until: 10/10/19
Laboratory ID: 18J0041-06	Sample Metric ID: 1A4010300014ADD000007991
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000007974
Lot # 180910-ST Tincture	Batch Size: 2724 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 10/12/18
1,4-Dioxane	< LOQ	380	71.3	Date Analyzed: 10/13/18
2-Butanol	< LOQ	5000	438	Analysis Method/SOP: RST
2-Ethoxyethanol	< LOQ	160	30.0	
2-Propanol (IPA)	< LOQ	5000	438	
Acetone	< LOQ	5000	438	
Acetonitrile	< LOQ	400	76.9	
Benzene	< LOQ	2	0.750	
Butanes	< LOQ	5000	313	
Cyclohexane	< LOQ	3880	728	
Dichloromethane (methylene chloride)	< LOQ	600	113	
Ethyl acetate	< LOQ	5000	438	
Ethyl ether	< LOQ	5000	438	
Ethylbenzene	< LOQ	2170	406	
Ethylene glycol	< LOQ	620	116	
Ethylene oxide	< LOQ	50	37.5	
Heptane	< LOQ	5000	438	
Hexanes	< LOQ	290	54.4	
Isopropyl acetate	< LOQ	5000	438	
Isopropylbenzene (cumene)	< LOQ	70	13.1	
Methanol	< LOQ	3000	313	
Pentanes	< LOQ	5000	438	
Propane	< LOQ	5000	125	
Tetrahydrofuran	< LOQ	720	135	
Toluene	< LOQ	890	167	
Xylenes	< LOQ	2170	406	

<LOQ - Results below the Limit of Quantitation - Compound not detected
 Results above the Action Level fail state testing requirements and will be highlighted **Red #**.



Brian Weigel
 Lab Director

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.