

Sample Name: **Harle Tsu FECO Primary**
 Tested for: **OM Extracts**
Compliance Concentrate

Laboratory ID: 18H0005-03

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000004485

Lot # NA

Date Sampled: 08/02/18 09:39

Batch RFID: 1A4010300014ADD000004489

Date Accepted: 08/02/18

Batch Size: 2724 (g)

Results Valid Until: 08/02/19



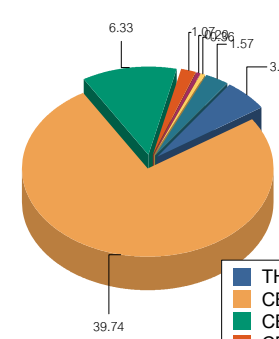
Potency Analysis

Date Extracted: 08/03/18

Analysis Method/SOP: Potency

Date Analyzed: 08/03/18

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	Cannabinoids Profile																
Total THC ((THCA*0.877)+d9)	3.01	30.1	 <table border="1"> <tr><td>THC</td><td>3.01</td></tr> <tr><td>CBD</td><td>39.74</td></tr> <tr><td>CBDA</td><td>6.33</td></tr> <tr><td>CBG</td><td>1.07</td></tr> <tr><td>CBGA</td><td>0.20</td></tr> <tr><td>CBDV</td><td>0.36</td></tr> <tr><td>CBC</td><td>1.57</td></tr> <tr><td>Total:</td><td>52.28</td></tr> </table>	THC	3.01	CBD	39.74	CBDA	6.33	CBG	1.07	CBGA	0.20	CBDV	0.36	CBC	1.57	Total:	52.28
THC	3.01																		
CBD	39.74																		
CBDA	6.33																		
CBG	1.07																		
CBGA	0.20																		
CBDV	0.36																		
CBC	1.57																		
Total:	52.28																		
Total CBD ((CBDA*0.877)+CBD)	45.29	452.9																	
d9-THC (d9-Tetrahydrocannabinol)*	3.01	30.1																	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ																	
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ																	
CBD (Cannabidiol)*	39.74	397.4																	
CBDA (Cannabidiolic Acid)*	6.33	63.3																	
CBN (Cannabinol)*	< LOQ	< LOQ																	
CBG (Cannabigerol)*	1.07	10.7																	
CBGA (Cannabigerolic Acid)	0.20	2																	
CBDV (Cannabidivarin)*	0.36	3.6																	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ																	
CBC (Cannabichromene)*	1.57	15.7																	
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ																	
Total Cannabinoids	52.28	522.8																	

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



Brian Weigel
Lab Director

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Sample Name: **Harle Tsu FECO Duplicate**
 Tested for: **OM Extracts**
Compliance Concentrate

Laboratory ID: 18H0005-04

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000004485

Lot # NA

Date Sampled: 08/02/18 09:41

Batch RFID: 1A4010300014ADD000004489

Date Accepted: 08/02/18

Batch Size: 2724 (g)

Results Valid Until: 08/02/19



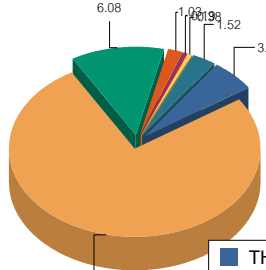
Potency Analysis

Date Extracted: 08/03/18

Analysis Method/SOP: Potency

Date Analyzed: 08/03/18

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	Cannabinoids Profile																
Total THC ((THCA*0.877)+d9)	3.02	30.2	 <table border="1"> <tr><td>THC</td><td>3.02</td></tr> <tr><td>CBD</td><td>38.78</td></tr> <tr><td>CBDA</td><td>6.08</td></tr> <tr><td>CBG</td><td>1.03</td></tr> <tr><td>CBGA</td><td>0.19</td></tr> <tr><td>CBDV</td><td>0.38</td></tr> <tr><td>CBC</td><td>1.52</td></tr> <tr><td>Total</td><td>51.00</td></tr> </table>	THC	3.02	CBD	38.78	CBDA	6.08	CBG	1.03	CBGA	0.19	CBDV	0.38	CBC	1.52	Total	51.00
THC	3.02																		
CBD	38.78																		
CBDA	6.08																		
CBG	1.03																		
CBGA	0.19																		
CBDV	0.38																		
CBC	1.52																		
Total	51.00																		
Total CBD ((CBDA*0.877)+CBD)	44.11	441.1																	
d9-THC (d9-Tetrahydrocannabinol)*	3.02	30.2																	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ																	
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ																	
CBD (Cannabidiol)*	38.78	387.8																	
CBDA (Cannabidiolic Acid)*	6.08	60.8																	
CBN (Cannabinol)*	< LOQ	< LOQ																	
CBG (Cannabigerol)*	1.03	10.3																	
CBGA (Cannabigerolic Acid)	0.19	1.9																	
CBDV (Cannabidivarin)*	0.38	3.8																	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ																	
CBC (Cannabichromene)*	1.52	15.2																	
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ																	
Total Cannabinoids	50.81	508.1																	

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

Sample Name: **Harle Tsu FECO**

Sample Metrc ID: 1A4010300014ADD000004485

	Primary Result	Duplicate Result	Average	% RPD	Pass/Fail (<20%RPD)
	%	%	%		
Total THC ((THCA*0.877)+d9)	3.01	3.02	3.02	0.332	PASS


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 Lab Director

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Sample Name: Harle Tsu FECO Primary	Date Sampled: 08/02/18 09:39
Tested for: OM Extracts Compliance Concentrate	Date Accepted: 08/02/18
Laboratory ID: 18H0005-03	Results Valid Until: 08/02/19
Matrix: Extracts and Concentrates	Sample Metrc ID: 1A4010300014ADD000004485
Lot # NA	Batch RFID: 1A4010300014ADD000004489
	Batch Size: 2724 (g)

Terpene Analysis

Date Extracted: 08/03/18 Analysis Method/SOP: Terpenes
 Date Analyzed: 08/03/18

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.287	0.100	Myrcene	0.749	0.100
alpha Phellandrene	< LOQ	0.100	3-Carene	< LOQ	0.100
alpha Terpinene	< LOQ	0.100	Limonene	0.309	0.100
Terpinolene	0.400	0.100	Linalool	< LOQ	0.100
Fenchol	< LOQ	0.100	Borneol	< LOQ	0.100
Terpineol	< LOQ	0.100	Geraniol	< LOQ	0.100
alpha Humulene	0.625	0.100	beta Caryophyllene	1.721	0.100
Caryophyllene Oxide	< LOQ	0.100	alpha Bisabolol	0.342	0.100
Camphene	< LOQ	0.100	beta Pinene	< LOQ	0.100
Ocimene	< LOQ	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	0.355	0.100	Valencene	0.196	0.100
Phytol	0.670	0.100	Citronellol	< LOQ	0.100
gamma-Terpinene	< LOQ	0.100			
Total Terpenes				5.655 %	

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

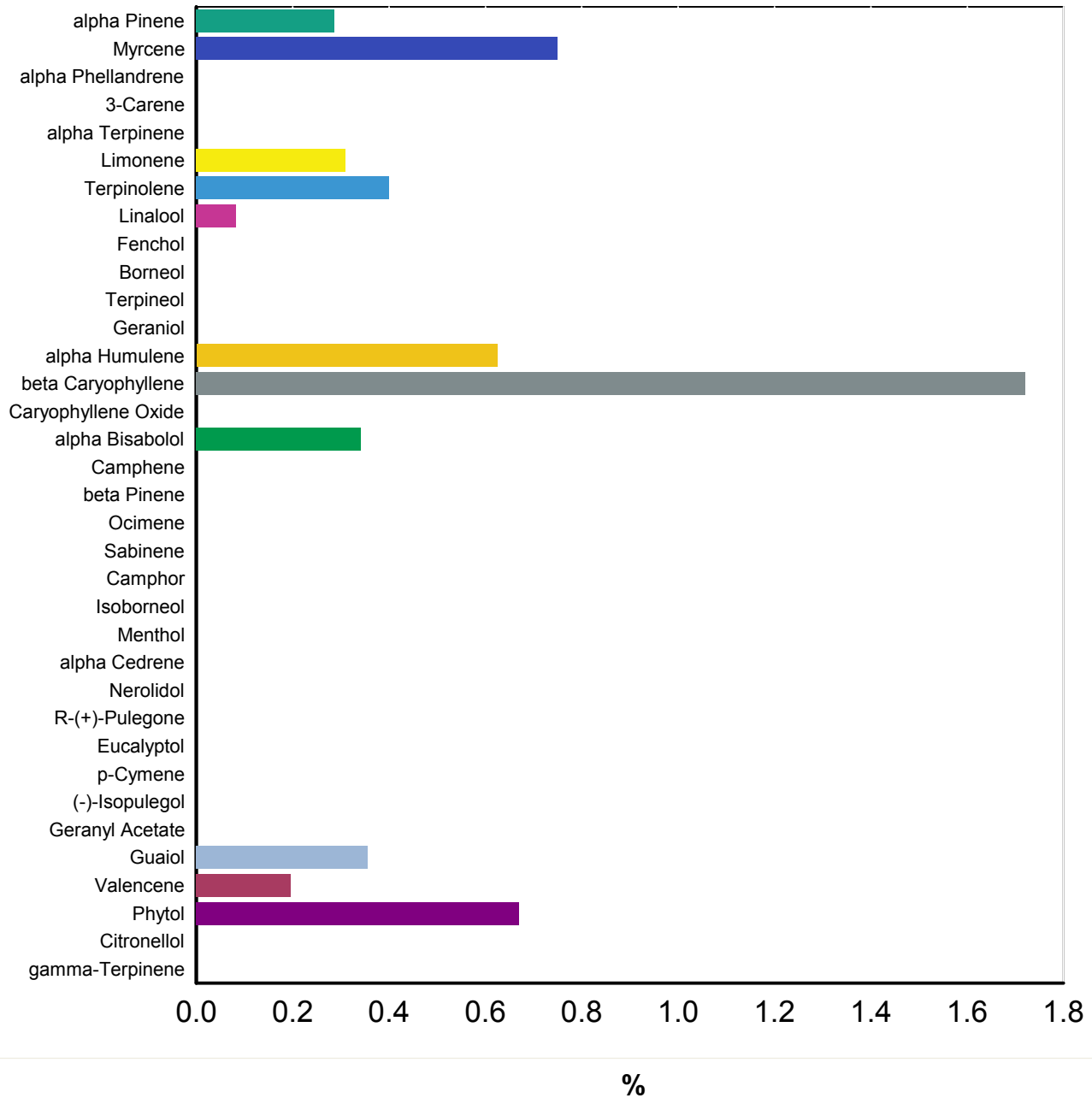


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Lab Director

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Sample Name: Harle Tsu FECO Prima	Date Sampled: 08/02/18 09:39
Tested for: OM Extracts	Date Accepted: 08/02/18 16:57
Compliance Concentrate	Results Valid Until: 08/02/19
Laboratory ID: 18H0005-03 Matrix: Extracts and	Client/Metric ID: 1A4010300014ADD000004485

Terpene Profile




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Lab Director

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Sample Name: **Harle Tsu FECO Primary** Date Sampled: **08/02/18 09:39**
 Tested for: **OM Extracts** Date Accepted: **08/02/18**
Compliance Concentrate Results Valid Until: **08/02/19**

Laboratory ID: **18H0005-03** Sample Metrc ID: **1A4010300014ADD000004485**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000004489**
 Lot # **NA** Batch Size: **2724 (g)**

Pesticide Analysis in ppm

Date Extracted: 08/03/18 Analysis Method/SOP: Pesticides
 Date Analyzed: 08/04/18 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.243	Acephate	< LOQ	0.4	0.194
Acequinocyl	< LOQ	2	0.972	Acetamiprid	< LOQ	0.2	0.097
Aldicarb	< LOQ	0.4	0.194	Azoxystrobin	< LOQ	0.2	0.097
Bifenazate	< LOQ	0.2	0.097	Bifenthrin	< LOQ	0.2	0.097
Boscalid	< LOQ	0.4	0.194	Carbaryl	< LOQ	0.2	0.097
Carbofuran	< LOQ	0.2	0.097	Chlorantraniliprole	< LOQ	0.2	0.097
Chlorfenapyr	< LOQ	1	0.486	Chlorpyrifos	< LOQ	0.2	0.097
Clofentezine	< LOQ	0.2	0.097	Cyfluthrin	< LOQ	1	0.486
Cypermethrin	< LOQ	1	0.486	Daminozide	< LOQ	1	0.486
DDVP (Dichlorvos)	< LOQ	1	0.486	Diazinon	< LOQ	0.2	0.097
Dimethoate	< LOQ	0.2	0.097	Ethoprophos	< LOQ	0.2	0.097
Etofenprox	< LOQ	0.4	0.194	Etoxazole	< LOQ	0.2	0.097
Fenoxycarb	< LOQ	0.2	0.097	Fenpyroximate	< LOQ	0.4	0.194
Fipronil	< LOQ	0.4	0.194	Fonicamid	< LOQ	1	0.486
Fludioxonil	< LOQ	0.4	0.194	Hexythiazox	< LOQ	1	0.486
Imazalil	< LOQ	0.2	0.097	Imidacloprid	< LOQ	0.4	0.194
Kresoxim-methyl	< LOQ	0.4	0.194	Malathion	< LOQ	0.2	0.097
Metalaxyl	< LOQ	0.2	0.097	Methiocarb	< LOQ	0.2	0.097
Methomyl	< LOQ	0.4	0.194	Methyl parathion	< LOQ	0.2	0.097
MGK-264	< LOQ	0.2	0.097	Myclobutanil	< LOQ	0.2	0.097
Naled	< LOQ	0.5	0.243	Oxamyl	< LOQ	1	0.486
Paclobutrazol	< LOQ	0.4	0.194	Permethrins (total)	< LOQ	0.2	0.097
Phosmet	< LOQ	0.2	0.097	Piperonyl butoxide	< LOQ	2	0.486
Prallethrin	< LOQ	0.2	0.097	Propiconazole	< LOQ	0.4	0.194
Propoxur	< LOQ	0.2	0.097	Pyrethrins (total)	< LOQ	1	0.486
Pyridaben	< LOQ	0.2	0.097	Spinosad	< LOQ	0.2	0.097
Spiromesifen	< LOQ	0.2	0.097	Spirotetramat	< LOQ	0.2	0.097
Spiroxamine	< LOQ	0.4	0.194	Tebuconazole	< LOQ	0.4	0.194
Thiacloprid	< LOQ	0.2	0.097	Thiamethoxam	< LOQ	0.2	0.097
Trifloxystrobin	< LOQ	0.2	0.097				

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



Brian Weigel
Lab Director

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Sample Name: **Harle Tsu FECO Duplicate** Date Sampled: **08/02/18 09:41**
 Tested for: **OM Extracts** Date Accepted: **08/02/18**
Compliance Concentrate Results Valid Until: **08/02/19**

Laboratory ID: **18H0005-04** Sample Metrc ID: **1A4010300014ADD000004485**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000004489**
 Lot # **NA** Batch Size: **2724 (g)**

Pesticide Analysis in ppm

Date Extracted: 08/03/18 Analysis Method/SOP: Pesticides
 Date Analyzed: 08/04/18 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.246	Acephate	< LOQ	0.4	0.197
Acequinocyl	< LOQ	2	0.984	Acetamiprid	< LOQ	0.2	0.098
Aldicarb	< LOQ	0.4	0.197	Azoxystrobin	< LOQ	0.2	0.098
Bifenazate	< LOQ	0.2	0.098	Bifenthrin	< LOQ	0.2	0.098
Boscalid	< LOQ	0.4	0.197	Carbaryl	< LOQ	0.2	0.098
Carbofuran	< LOQ	0.2	0.098	Chlorantraniliprole	< LOQ	0.2	0.098
Chlorfenapyr	< LOQ	1	0.492	Chlorpyrifos	< LOQ	0.2	0.098
Clofentezine	< LOQ	0.2	0.098	Cyfluthrin	< LOQ	1	0.492
Cypermethrin	< LOQ	1	0.492	Daminozide	< LOQ	1	0.492
DDVP (Dichlorvos)	< LOQ	1	0.492	Diazinon	< LOQ	0.2	0.098
Dimethoate	< LOQ	0.2	0.098	Ethoprophos	< LOQ	0.2	0.098
Etofenprox	< LOQ	0.4	0.197	Etoxazole	< LOQ	0.2	0.098
Fenoxycarb	< LOQ	0.2	0.098	Fenpyroximate	< LOQ	0.4	0.197
Fipronil	< LOQ	0.4	0.197	Fonicamid	< LOQ	1	0.492
Fludioxonil	< LOQ	0.4	0.197	Hexythiazox	< LOQ	1	0.492
Imazalil	< LOQ	0.2	0.098	Imidacloprid	< LOQ	0.4	0.197
Kresoxim-methyl	< LOQ	0.4	0.197	Malathion	< LOQ	0.2	0.098
Metalaxyl	< LOQ	0.2	0.098	Methiocarb	< LOQ	0.2	0.098
Methomyl	< LOQ	0.4	0.197	Methyl parathion	< LOQ	0.2	0.098
MGK-264	< LOQ	0.2	0.098	Myclobutanil	< LOQ	0.2	0.098
Naled	< LOQ	0.5	0.246	Oxamyl	< LOQ	1	0.492
Paclobutrazol	< LOQ	0.4	0.197	Permethrins (total)	< LOQ	0.2	0.098
Phosmet	< LOQ	0.2	0.098	Piperonyl butoxide	< LOQ	2	0.492
Prallethrin	< LOQ	0.2	0.098	Propiconazole	< LOQ	0.4	0.197
Propoxur	< LOQ	0.2	0.098	Pyrethrins (total)	< LOQ	1	0.492
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	0.197	Tebuconazole	< LOQ	0.4	0.197
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

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Sample Name: Harle Tsu FECO Primary	Date Sampled: 08/02/18 09:39
Tested for: OM Extracts	Date Accepted: 08/02/18
Compliance Concentrate	Results Valid Until: 08/02/19
Laboratory ID: 18H0005-03	Sample Metric ID: 1A4010300014ADD000004485
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000004489
Lot # NA	Batch Size: 2724 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 08/03/18
1,4-Dioxane	< LOQ	380	71.3	Date Analyzed: 08/03/18
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 #**.



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Sample Name: Harle Tsu FECO Duplicate	Date Sampled: 08/02/18 09:41
Tested for: OM Extracts	Date Accepted: 08/02/18
Compliance Concentrate	Results Valid Until: 08/02/19
Laboratory ID: 18H0005-04	Sample Metric ID: 1A4010300014ADD000004485
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000004489
Lot # NA	Batch Size: 2724 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 08/03/18
1,4-Dioxane	< LOQ	380	71.3	Date Analyzed: 08/03/18
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 #**.



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