

Sample Name: **Blue City Diesel - FECO Primary**
 Tested for: **OM Extracts**
Compliance Extract

Laboratory ID: 19C0104-07

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000013309

Lot # 190320-BCD FECO

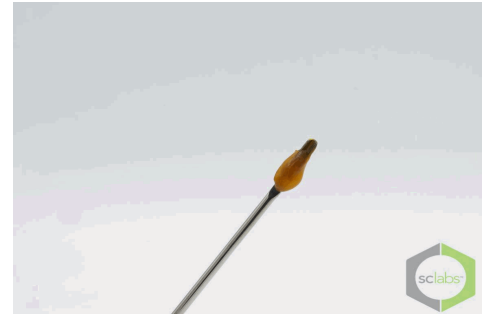
Batch RFID: 1A4010300014ADD000013290

Batch Size: 1312 (g)

License: 10051970949

Date Sampled: 03/21/19 08:54

Date Accepted: 03/21/19



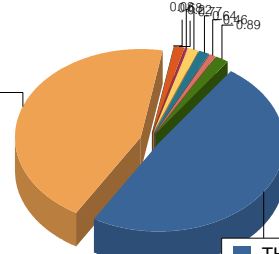
Potency Analysis

Date Extracted: 03/25/19

Date Analyzed: 03/25/19

Analysis Method/SOP: Potency

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile																				
Total THC ((THCA*0.877)+d9)	46.52	465.2	0.07	 <table border="1"> <tr><td>THC</td><td>26.02</td></tr> <tr><td>THCA</td><td>23.37</td></tr> <tr><td>CBD</td><td>0.08</td></tr> <tr><td>CBDA</td><td>0.68</td></tr> <tr><td>CBN</td><td>0.22</td></tr> <tr><td>CBG</td><td>0.77</td></tr> <tr><td>CBGA</td><td>0.64</td></tr> <tr><td>CBC</td><td>0.46</td></tr> <tr><td>THCV</td><td>0.89</td></tr> <tr><td>Total</td><td>53.13</td></tr> </table>	THC	26.02	THCA	23.37	CBD	0.08	CBDA	0.68	CBN	0.22	CBG	0.77	CBGA	0.64	CBC	0.46	THCV	0.89	Total	53.13
THC	26.02																							
THCA	23.37																							
CBD	0.08																							
CBDA	0.68																							
CBN	0.22																							
CBG	0.77																							
CBGA	0.64																							
CBC	0.46																							
THCV	0.89																							
Total	53.13																							
Total CBD ((CBDA*0.877)+CBD)	0.67	6.7	0.07																					
d9-THC (d9-Tetrahydrocannabinol)*	26.02	260.2	0.07																					
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.10																					
THCA (d9-Tetrahydrocannabinolic Acid)*	23.37	233.7	0.15																					
CBD (Cannabidiol)*	0.08	0.8	0.07																					
CBDA (Cannabidiolic Acid)*	0.68	6.8	0.15																					
CBN (Cannabinol)*	0.22	2.2	0.07																					
CBG (Cannabigerol)*	0.77	7.7	0.10																					
CBGA (Cannabigerolic Acid)	0.64	6.4	0.10																					
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.10																					
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.10																					
CBC (Cannabichromene)*	0.46	4.6	0.10																					
THCV (Tetrahydrocannabivarin)	0.89	8.9	0.10																					
Total Cannabinoids	53.13	531.3	0.07																					

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



Brian Weigel
Lab Director

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Sample Name: **Blue City Diesel - FECO Duplicate**

Tested for: **OM Extracts
Compliance Extract**

Laboratory ID: 19C0104-08

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000013309

Lot # 190320-BCD FECO

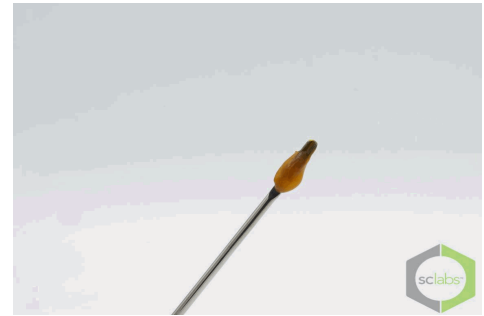
License: 10051970949

Batch RFID: 1A4010300014ADD000013290

Date Sampled: 03/21/19 08:54

Batch Size: 1312 (g)

Date Accepted: 03/21/19



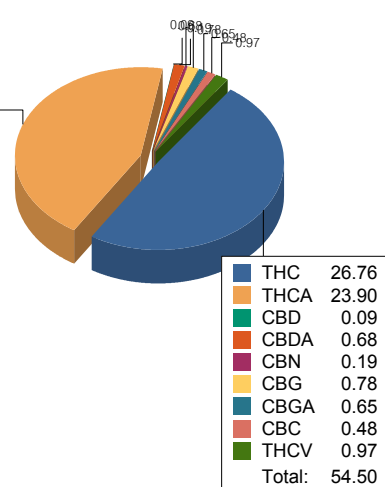
Potency Analysis

Date Extracted: 03/25/19

Analysis Method/SOP: Potency

Date Analyzed: 03/25/19

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	47.72	477.2	0.07	
Total CBD ((CBDA*0.877)+CBD)	0.70	7	0.07	
d9-THC (d9-Tetrahydrocannabinol)*	26.76	267.6	0.07	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.09	
THCA (d9-Tetrahydrocannabinolic Acid)*	23.90	239	0.14	
CBD (Cannabidiol)*	0.09	0.9	0.07	
CBDA (Cannabidiolic Acid)*	0.68	6.8	0.14	
CBN (Cannabinol)*	0.19	1.9	0.07	
CBG (Cannabigerol)*	0.78	7.8	0.09	
CBGA (Cannabigerolic Acid)	0.65	6.5	0.09	
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.09	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.09	
CBC (Cannabichromene)*	0.48	4.8	0.09	
THCV (Tetrahydrocannabivarin)	0.97	9.7	0.09	
Total Cannabinoids	54.50	545	0.07	

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

Sample Name: **Blue City Diesel - FECO**

Sample Metrc ID: 1A4010300014ADD000013309

	Primary Result %	Duplicate Result %	Average %	% RPD	Pass/Fail (<20%RPD)
Total THC ((THCA*0.877)+d9)	46.52	47.72	47.12	2.55	PASS
Total CBD ((CBDA*0.877)+CBD)	0.67	0.70	0.69	4.38	NA



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Lab Director

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Sample Name: Blue City Diesel - FECO Primary	License: 10051970949
Tested for: OM Extracts	Date Sampled: 03/21/19 08:54
Compliance Extract	Date Accepted: 03/21/19
Laboratory ID: 19C0104-07	Sample Metric ID: 1A4010300014ADD000013309
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000013290
Lot # 190320-BCD FECO	Batch Size: 1312 (g)

Terpene Analysis

Date Extracted: 03/25/19 Analysis Method/SOP: Terpenes
Date Analyzed: 03/26/19

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	1.444	0.099	Myrcene	2.939	0.099
alpha Phellandrene	< LOQ	0.099	3-Carene	< LOQ	0.099
alpha Terpinene	< LOQ	0.099	Limonene	1.428	0.099
Terpinolene	< LOQ	0.099	Linalool	0.810	0.099
Fenchol	0.388	0.099	Borneol	< LOQ	0.099
Terpineol	0.339	0.099	Geraniol	< LOQ	0.099
alpha Humulene	1.091	0.099	beta Caryophyllene	3.624	0.099
Caryophyllene Oxide	0.159	0.099	alpha Bisabolol	1.447	0.099
Camphene	< LOQ	0.099	beta Pinene	0.687	0.099
Ocimene	0.114	0.099	Sabinene	< LOQ	0.099
Camphor	< LOQ	0.099	Isoborneol	< LOQ	0.099
Menthol	< LOQ	0.099	alpha Cedrene	< LOQ	0.099
Nerolidol	0.470	0.099	R-(+)-Pulegone	< LOQ	0.099
Eucalyptol	< LOQ	0.099	p-Cymene	< LOQ	0.099
(-)-Isopulegol	< LOQ	0.099	Geranyl Acetate	0.161	0.099
Guaiol	< LOQ	0.099	Valencene	0.926	0.099
Phytol	0.615	0.099	Citronellol	< LOQ	0.099
gamma-Terpinene	< LOQ	0.099			
			Total Terpenes	16.64 %	

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

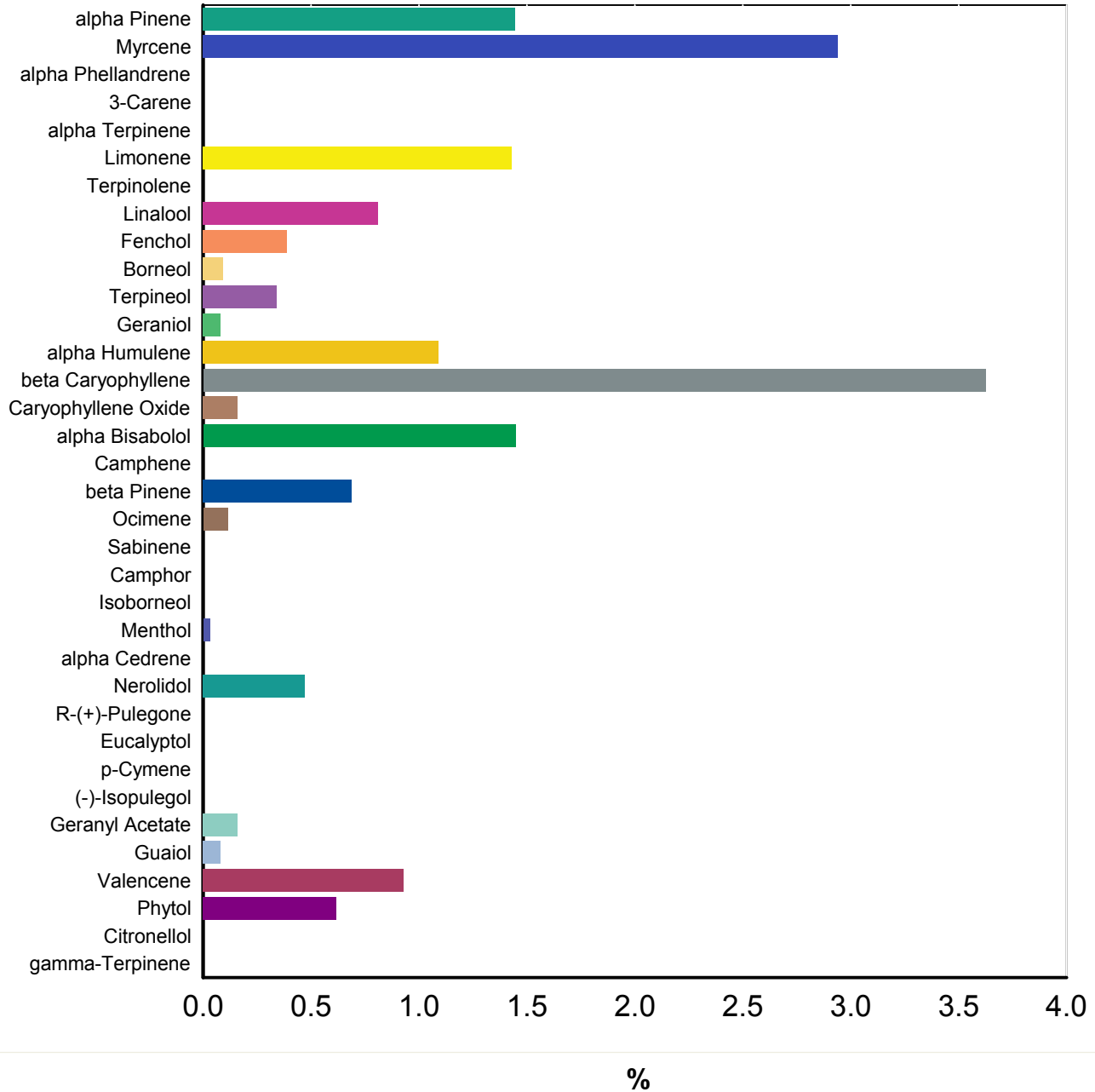


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Sample Name: Blue City Diesel - FECO Primary	License: 10051970949
Tested for: OM Extracts	Date Sampled: 03/21/19 08:54
Compliance Extract	Date Accepted: 03/21/19 17:57
Laboratory ID: 19C0104-07 Matrix: Extracts and	Client/Metric ID: 1A4010300014ADD000013309

Terpene Profile




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Lab Director

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Sample Name: **Blue City Diesel - FECO Primary** License: **10051970949**
 Tested for: **OM Extracts** Date Sampled: **03/21/19 08:54**
Compliance Extract Date Accepted: **03/21/19**

Laboratory ID: **19C0104-07** Sample Metric ID: **1A4010300014ADD000013309**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000013290**
 Lot # **190320-BCD FECO** Batch Size: **1312 (g)**

Pesticide Analysis in ppm

Date Extracted: 03/25/19 Analysis Method/SOP: Pesticides
 Date Analyzed: 03/27/19 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	0.971	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



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Lab Director

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Sample Name: **Blue City Diesel - FECO Duplicate** License: **10051970949**
 Tested for: **OM Extracts** Date Sampled: **03/21/19 08:54**
Compliance Extract Date Accepted: **03/21/19**

Laboratory ID: **19C0104-08** Sample Metric ID: **1A4010300014ADD000013309**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000013290**
 Lot # **190320-BCD FECO** Batch Size: **1312 (g)**

Pesticide Analysis in ppm

Date Extracted: 03/25/19 Analysis Method/SOP: Pesticides
 Date Analyzed: 03/27/19 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
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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
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Paclobutrazol	< LOQ	0.4	0.194	Permethrins (total)	< LOQ	0.2	0.097
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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				

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Tested for: OM Extracts	Date Sampled: 03/21/19 08:54
Compliance Extract	Date Accepted: 03/21/19
Laboratory ID: 19C0104-07	Sample Metric ID: 1A4010300014ADD000013309
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000013290
Lot # 190320-BCD FECO	Batch Size: 1312 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 03/25/19
1,4-Dioxane	< LOQ	380	187	Date Analyzed: 03/26/19
2-Butanol	< LOQ	5000	2450	Analysis Method/SOP: RST
2-Ethoxyethanol	< LOQ	160	78.5	
2-Propanol (IPA)	< LOQ	5000	2450	
Acetone	< LOQ	5000	2450	
Acetonitrile	< LOQ	400	201	
Benzene	< LOQ	2	0.982	
Butanes	< LOQ	5000	2450	
Cyclohexane	< LOQ	3880	1900	
Dichloromethane (methylene chloride)	< LOQ	600	294	
Ethyl acetate	< LOQ	5000	2450	
Ethyl ether	< LOQ	5000	2450	
Ethylbenzene	< LOQ	2170	1070	
Ethylene glycol	< LOQ	620	304	
Ethylene oxide	< LOQ	50	24.5	
Heptane	< LOQ	5000	2450	
Hexanes	< LOQ	290	142	
Isopropyl acetate	< LOQ	5000	2450	
Isopropylbenzene (cumene)	< LOQ	70	34.4	
Methanol	< LOQ	3000	1470	
Pentanes	< LOQ	5000	2450	
Propane	< LOQ	5000	2450	
Tetrahydrofuran	< LOQ	720	353	
Toluene	< LOQ	890	437	
Xylenes	< LOQ	2170	1070	

<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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Laboratory ID: 19C0104-08	Sample Metric ID: 1A4010300014ADD000013309
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000013290
Lot # 190320-BCD FECO	Batch Size: 1312 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 03/25/19
1,4-Dioxane	< LOQ	380	172	Date Analyzed: 03/26/19
2-Butanol	< LOQ	5000	2260	Analysis Method/SOP: RST
2-Ethoxyethanol	< LOQ	160	72.4	
2-Propanol (IPA)	< LOQ	5000	2260	
Acetone	< LOQ	5000	2260	
Acetonitrile	< LOQ	400	186	
Benzene	< LOQ	2	0.905	
Butanes	< LOQ	5000	2260	
Cyclohexane	< LOQ	3880	1760	
Dichloromethane (methylene chloride)	< LOQ	600	271	
Ethyl acetate	< LOQ	5000	2260	
Ethyl ether	< LOQ	5000	2260	
Ethylbenzene	< LOQ	2170	982	
Ethylene glycol	< LOQ	620	281	
Ethylene oxide	< LOQ	50	22.6	
Heptane	< LOQ	5000	2260	
Hexanes	< LOQ	290	131	
Isopropyl acetate	< LOQ	5000	2260	
Isopropylbenzene (cumene)	< LOQ	70	31.7	
Methanol	< LOQ	3000	1360	
Pentanes	< LOQ	5000	2260	
Propane	< LOQ	5000	2260	
Tetrahydrofuran	< LOQ	720	326	
Toluene	< LOQ	890	403	
Xylenes	< LOQ	2170	982	

<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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