

Sample Name: **Marianberry OG Kush FECO Primary**
 Tested for: **OM Extracts**
Compliance Extract

Laboratory ID: 19G0150-03

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000016263

Lot # 190722-MB Kush FECO

License: 10051970949

Batch RFID: 1A4010300014ADD000016219

Date Sampled: 07/23/19 09:33

Batch Size: 1110 (g)

Date Accepted: 07/23/19



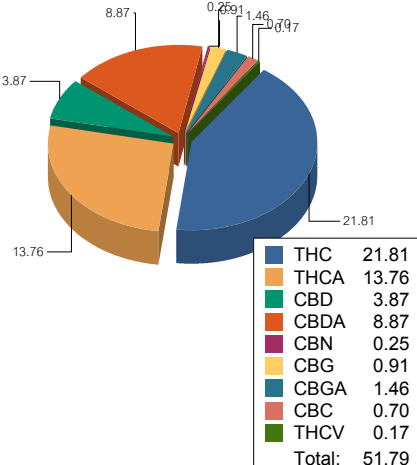
Potency Analysis

Date Extracted: 07/29/19

Analysis Method/SOP: Potency

Date Analyzed: 07/29/19

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	33.87	338.7	0.08	
Total CBD ((CBDA*0.877)+CBD)	11.65	116.5	0.08	
d9-THC (d9-Tetrahydrocannabinol)*	21.81	218.1	0.08	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.10	
THCA (d9-Tetrahydrocannabinolic Acid)*	13.76	137.6	0.15	
CBD (Cannabidiol)*	3.87	38.7	0.08	
CBDA (Cannabidiolic Acid)*	8.87	88.7	0.15	
CBN (Cannabinol)*	0.25	2.5	0.08	
CBG (Cannabigerol)*	0.91	9.1	0.10	
CBGA (Cannabigerolic Acid)	1.46	14.6	0.10	
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.10	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.10	
CBC (Cannabichromene)*	0.70	7	0.10	
THCV (Tetrahydrocannabivarin)	0.17	1.7	0.10	
Total Cannabinoids	51.79	517.9	0.08	

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



Brian Weigel
Lab Director

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Sample Name: **Marianberry OG Kush FECO Duplicate**
Tested for: **OM Extracts**
Compliance Extract

Laboratory ID: 19G0150-04

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000016263

Lot # 190722-MB Kush FECO

License: 10051970949

Batch RFID: 1A4010300014ADD000016219

Date Sampled: 07/23/19 09:33

Batch Size: 1110 (g)

Date Accepted: 07/23/19

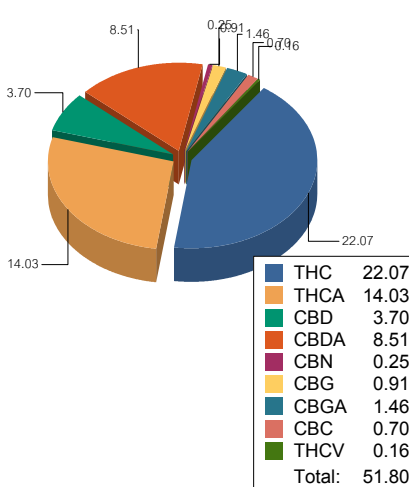
Potency Analysis

Date Extracted: 07/29/19

Analysis Method/SOP: Potency

Date Analyzed: 07/29/19

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	34.38	343.8	0.07	
Total CBD ((CBDA*0.877)+CBD)	11.17	111.7	0.07	
d9-THC (d9-Tetrahydrocannabinol)*	22.07	220.7	0.07	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.10	
THCA (d9-Tetrahydrocannabinolic Acid)*	14.03	140.3	0.15	
CBD (Cannabidiol)*	3.70	37	0.07	
CBDA (Cannabidiolic Acid)*	8.51	85.1	0.15	
CBN (Cannabinol)*	0.25	2.5	0.07	
CBG (Cannabigerol)*	0.91	9.1	0.10	
CBGA (Cannabigerolic Acid)	1.46	14.6	0.10	
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.10	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.10	
CBC (Cannabichromene)*	0.70	7	0.10	
THCV (Tetrahydrocannabivarin)	0.16	1.6	0.10	
Total Cannabinoids	51.80	518	0.07	

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

Sample Name: **Marianberry OG Kush FECO**

Sample Metrc ID: **1A4010300014ADD000016263**

	Primary Result %	Duplicate Result %	Average %	% RPD	Pass/Fail (<15%RPD)
Total THC ((THCA*0.877)+d9)	33.87	34.38	34.13	1.49	PASS
Total CBD ((CBDA*0.877)+CBD)	11.65	11.17	11.41	NA	NA



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Sample Name: Marianberry OG Kush FECO Primar	License: 10051970949
Tested for: OM Extracts	Date Sampled: 07/23/19 09:33
Compliance Extract	Date Accepted: 07/23/19
Laboratory ID:	Sample Metrc ID: 1A4010300014ADD000016263
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000016219
Lot # 190722-MB Kush FECO	Batch Size: 1110 (g)

Terpene Analysis

Date Extracted: 07/29/19

Analysis Method/SOP: Terpenes

Date Analyzed: 07/29/19

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.191	0.092	Myrcene	0.502	0.092
alpha Phellandrene	< LOQ	0.092	3-Carene	< LOQ	0.092
alpha Terpinene	< LOQ	0.092	Limonene	0.270	0.092
Terpinolene	0.326	0.092	Linalool	0.190	0.092
Fenchol	0.151	0.092	Borneol	< LOQ	0.092
Terpineol	0.183	0.092	Geraniol	< LOQ	0.092
alpha Humulene	1.242	0.092	beta Caryophyllene	2.876	0.092
Caryophyllene Oxide	0.369	0.092	alpha Bisabolol	0.469	0.092
Camphene	< LOQ	0.092	beta Pinene	0.095	0.092
Ocimene	< LOQ	0.092	Sabinene	< LOQ	0.092
Camphor	< LOQ	0.092	Isoborneol	< LOQ	0.092
Menthol	< LOQ	0.092	alpha Cedrene	< LOQ	0.092
Nerolidol	0.526	0.092	R-(+)-Pulegone	< LOQ	0.092
Eucalyptol	< LOQ	0.092	p-Cymene	< LOQ	0.092
(-)-Isopulegol	< LOQ	0.092	Geranyl Acetate	< LOQ	0.092
Guaiol	0.746	0.092	Valencene	< LOQ	0.092
Phytol	0.278	0.092	Citronellol	< LOQ	0.092
gamma-Terpinene	< LOQ	0.092			
			Total Terpenes	8.413 %	

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

Terpene Analysis is not ORELAP Accredited.

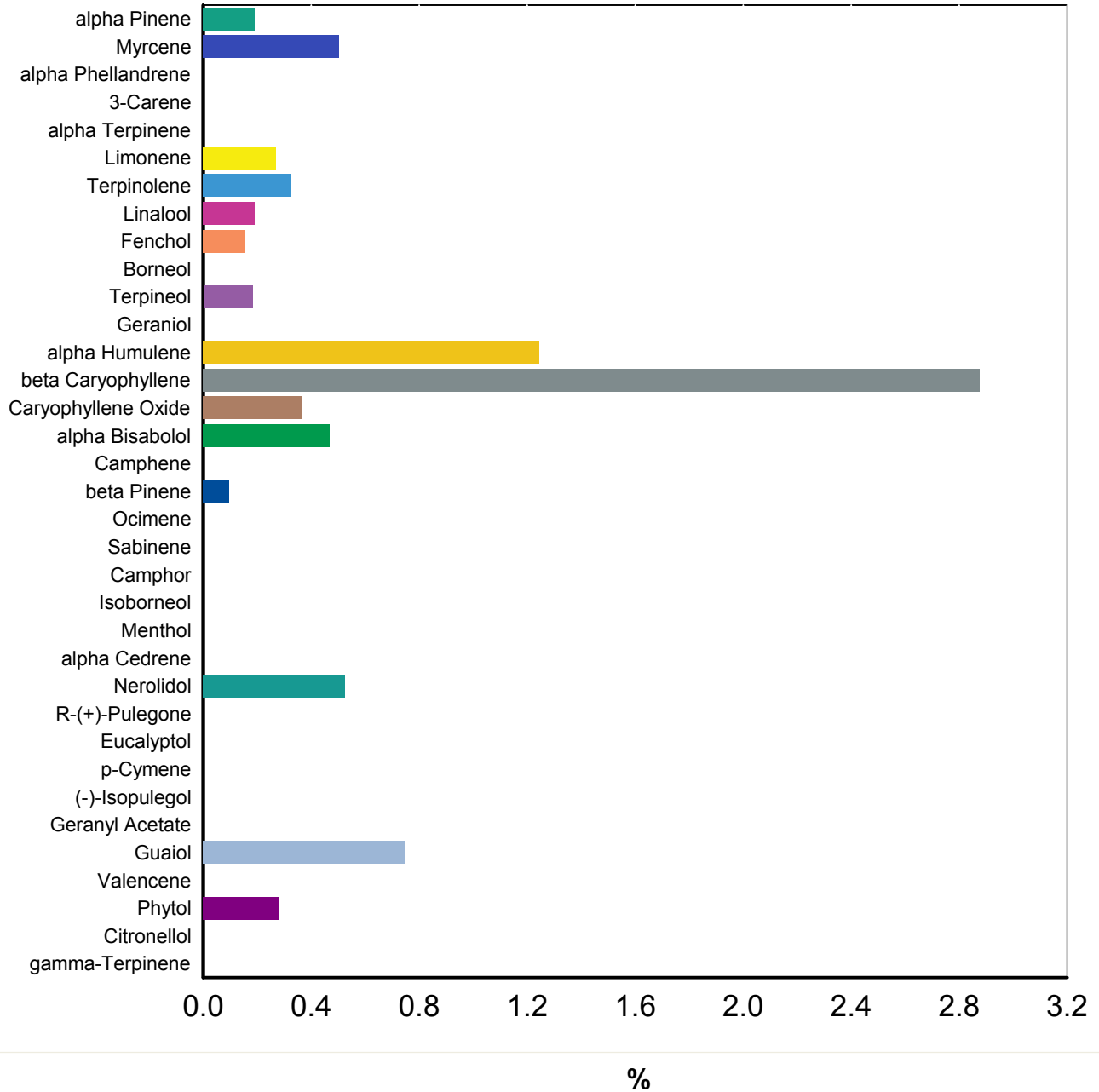


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Sample Name: Marianberry OG Kush FECO Primary	License: 10051970949
Tested for: OM Extracts	Date Sampled: 07/23/19 09:33
Compliance Extract	Date Accepted: 07/23/19 17:58
Laboratory ID: 19G0150-03 Matrix: Extracts and	Client/Metric ID: 1A4010300014ADD000016263

Terpene Profile




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Lab Director

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Sample Name: **Marianberry OG Kush FECO Primary** License: **10051970949**
 Tested for: **OM Extracts** Date Sampled: **07/23/19 09:33**
Compliance Extract Date Accepted: **07/23/19**

Laboratory ID: **19G0150-03** Sample Metric ID: **1A4010300014ADD000016263**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000016219**
 Lot # **190722-MB Kush FECO** Batch Size: **1110 (g)**

Pesticide Analysis in ppm

Date Extracted: 07/29/19 Analysis Method/SOP: Pesticides
 Date Analyzed: 07/30/19 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.248	Acephate	< LOQ	0.4	0.199
Acequinocyl	< LOQ	2	0.994	Acetamiprid	< LOQ	0.2	0.099
Aldicarb	< LOQ	0.4	0.199	Azoxystrobin	< LOQ	0.2	0.099
Bifenazate	< LOQ	0.2	0.099	Bifenthrin	< LOQ	0.2	0.099
Boscalid	< LOQ	0.4	0.199	Carbaryl	< LOQ	0.2	0.099
Carbofuran	< LOQ	0.2	0.099	Chlorantraniliprole	< LOQ	0.2	0.099
Chlorfenapyr	< LOQ	1	0.497	Chlorpyrifos	< LOQ	0.2	0.099
Clofentezine	< LOQ	0.2	0.099	Cyfluthrin	< LOQ	1	0.497
Cypermethrin	< LOQ	1	0.497	Daminozide	< LOQ	1	0.497
DDVP (Dichlorvos)	< LOQ	1	0.497	Diazinon	< LOQ	0.2	0.099
Dimethoate	< LOQ	0.2	0.099	Ethoprophos	< LOQ	0.2	0.099
Etofenprox	< LOQ	0.4	0.199	Etoxazole	< LOQ	0.2	0.099
Fenoxycarb	< LOQ	0.2	0.099	Fenpyroximate	< LOQ	0.4	0.199
Fipronil	< LOQ	0.4	0.199	Fonicamid	< LOQ	1	0.497
Fludioxonil	< LOQ	0.4	0.199	Hexythiazox	< LOQ	1	0.497
Imazalil	< LOQ	0.2	0.099	Imidacloprid	< LOQ	0.4	0.199
Kresoxim-methyl	< LOQ	0.4	0.199	Malathion	< LOQ	0.2	0.099
Metalaxyl	< LOQ	0.2	0.099	Methiocarb	< LOQ	0.2	0.099
Methomyl	< LOQ	0.4	0.199	Methyl parathion	< LOQ	0.2	0.099
MGK-264	< LOQ	0.2	0.099	Myclobutanil	< LOQ	0.2	0.099
Naled	< LOQ	0.5	0.248	Oxamyl	< LOQ	1	0.497
Paclobutrazol	< LOQ	0.4	0.199	Permethrins (total)	< LOQ	0.2	0.099
Phosmet	< LOQ	0.2	0.099	Piperonyl butoxide	< LOQ	2	0.497
Prallethrin	< LOQ	0.2	0.099	Propiconazole	< LOQ	0.4	0.199
Propoxur	< LOQ	0.2	0.099	Pyrethrins (total)	< LOQ	1	0.497
Pyridaben	< LOQ	0.2	0.099	Spinosad	< LOQ	0.2	0.099
Spiromesifen	< LOQ	0.2	0.099	Spirotetramat	< LOQ	0.2	0.099
Spiroxamine	< LOQ	0.4	0.199	Tebuconazole	< LOQ	0.4	0.199
Thiacloprid	< LOQ	0.2	0.099	Thiamethoxam	< LOQ	0.2	0.099
Trifloxystrobin	< LOQ	0.2	0.099				

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



Brian Weigel
Lab Director

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Sample Name: **Marianberry OG Kush FECO Duplicate** License: **10051970949**
 Tested for: **OM Extracts** Date Sampled: **07/23/19 09:33**
Compliance Extract Date Accepted: **07/23/19**

Laboratory ID: **19G0150-04** Sample Metric ID: **1A4010300014ADD000016263**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000016219**
 Lot # **190722-MB Kush FECO** Batch Size: **1110 (g)**

Pesticide Analysis in ppm

Date Extracted: 07/29/19 Analysis Method/SOP: Pesticides
 Date Analyzed: 07/30/19 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.238	Acephate	< LOQ	0.4	0.190
Acequinocyl	< LOQ	2	0.950	Acetamiprid	< LOQ	0.2	0.095
Aldicarb	< LOQ	0.4	0.190	Azoxystrobin	< LOQ	0.2	0.095
Bifenazate	< LOQ	0.2	0.095	Bifenthrin	< LOQ	0.2	0.095
Boscalid	< LOQ	0.4	0.190	Carbaryl	< LOQ	0.2	0.095
Carbofuran	< LOQ	0.2	0.095	Chlorantraniliprole	< LOQ	0.2	0.095
Chlorfenapyr	< LOQ	1	0.475	Chlorpyrifos	< LOQ	0.2	0.095
Clofentezine	< LOQ	0.2	0.095	Cyfluthrin	< LOQ	1	0.475
Cypermethrin	< LOQ	1	0.475	Daminozide	< LOQ	1	0.475
DDVP (Dichlorvos)	< LOQ	1	0.475	Diazinon	< LOQ	0.2	0.095
Dimethoate	< LOQ	0.2	0.095	Ethoprophos	< LOQ	0.2	0.095
Etofenprox	< LOQ	0.4	0.190	Etoxazole	< LOQ	0.2	0.095
Fenoxycarb	< LOQ	0.2	0.095	Fenpyroximate	< LOQ	0.4	0.190
Fipronil	< LOQ	0.4	0.190	Fonicamid	< LOQ	1	0.475
Fludioxonil	< LOQ	0.4	0.190	Hexythiazox	< LOQ	1	0.475
Imazalil	< LOQ	0.2	0.095	Imidacloprid	< LOQ	0.4	0.190
Kresoxim-methyl	< LOQ	0.4	0.190	Malathion	< LOQ	0.2	0.095
Metalaxyl	< LOQ	0.2	0.095	Methiocarb	< LOQ	0.2	0.095
Methomyl	< LOQ	0.4	0.190	Methyl parathion	< LOQ	0.2	0.095
MGK-264	< LOQ	0.2	0.095	Myclobutanil	< LOQ	0.2	0.095
Naled	< LOQ	0.5	0.238	Oxamyl	< LOQ	1	0.475
Paclobutrazol	< LOQ	0.4	0.190	Permethrins (total)	< LOQ	0.2	0.095
Phosmet	< LOQ	0.2	0.095	Piperonyl butoxide	< LOQ	2	0.475
Prallethrin	< LOQ	0.2	0.095	Propiconazole	< LOQ	0.4	0.190
Propoxur	< LOQ	0.2	0.095	Pyrethrins (total)	< LOQ	1	0.475
Pyridaben	< LOQ	0.2	0.095	Spinosad	< LOQ	0.2	0.095
Spiromesifen	< LOQ	0.2	0.095	Spirotetramat	< LOQ	0.2	0.095
Spiroxamine	< LOQ	0.4	0.190	Tebuconazole	< LOQ	0.4	0.190
Thiacloprid	< LOQ	0.2	0.095	Thiamethoxam	< LOQ	0.2	0.095
Trifloxystrobin	< LOQ	0.2	0.095				

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



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Sample Name: Marianberry OG Kush FECO Primary	License: 10051970949
Tested for: OM Extracts	Date Sampled: 07/23/19 09:33
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Laboratory ID: 19G0150-03	Sample Metric ID: 1A4010300014ADD000016263
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000016219
Lot # 190722-MB Kush FECO	Batch Size: 1110 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 07/26/19
1,4-Dioxane	< LOQ	380	206	Date Analyzed: 07/26/19
2-Butanol	< LOQ	5000	2710	Analysis Method/SOP: RST
2-Ethoxyethanol	< LOQ	160	86.8	
2-Propanol (IPA)	< LOQ	5000	2710	
Acetone	< LOQ	5000	2710	
Acetonitrile	< LOQ	400	223	
Benzene	< LOQ	2	1.09	
Butanes	< LOQ	5000	2710	
Cyclohexane	< LOQ	3880	2110	
Dichloromethane (methylene chloride)	< LOQ	600	326	
Ethyl acetate	< LOQ	5000	2710	
Ethyl ether	< LOQ	5000	2710	
Ethylbenzene	< LOQ	2170	1180	
Ethylene glycol	< LOQ	620	336	
Ethylene oxide	< LOQ	50	27.1	
Heptane	< LOQ	5000	2710	
Hexanes	< LOQ	290	157	
Isopropyl acetate	< LOQ	5000	2710	
Isopropylbenzene (cumene)	< LOQ	70	38.0	
Methanol	< LOQ	3000	1630	
Pentanes	< LOQ	5000	2710	
Propane	< LOQ	5000	2710	
Tetrahydrofuran	< LOQ	720	391	
Toluene	< LOQ	890	483	
Xylenes	< LOQ	2170	1180	

<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: Marianberry OG Kush FECO Duplicate	License: 10051970949
Tested for: OM Extracts	Date Sampled: 07/23/19 09:33
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Laboratory ID: 19G0150-04	Sample Metric ID: 1A4010300014ADD000016263
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000016219
Lot # 190722-MB Kush FECO	Batch Size: 1110 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ
1,4-Dioxane	< LOQ	380	186
2-Butanol	< LOQ	5000	2450
2-Ethoxyethanol	< LOQ	160	78.4
2-Propanol (IPA)	< LOQ	5000	2450
Acetone	< LOQ	5000	2450
Acetonitrile	< LOQ	400	201
Benzene	< LOQ	2	0.980
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	1060
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	34.3
Methanol	< LOQ	3000	1470
Pentanes	< LOQ	5000	2450
Propane	< LOQ	5000	2450
Tetrahydrofuran	< LOQ	720	353
Toluene	< LOQ	890	436
Xylenes	< LOQ	2170	1060

Date Extracted: 07/26/19
 Date Analyzed: 07/26/19
 Analysis Method/SOP: RST

<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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