

Sample Name: **PHK FECO (S.O. Jager) Primary**
Tested for: **OM Extracts**
Compliance Extract

Laboratory ID: 19H0179-05

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000017089

Lot # 190826-Feco PHK

Batch RFID: 1A4010300014ADD000017056

Batch Size: 1399 (g)

License: 10051970949

Date Sampled: 08/27/19 09:23

Date Accepted: 08/27/19



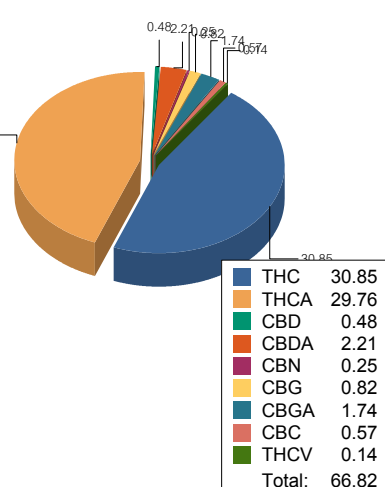
Potency Analysis

Date Extracted: 09/03/19

Date Analyzed: 09/04/19

Analysis Method/SOP: Potency

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	56.95	569.5	0.08	
Total CBD ((CBDA*0.877)+CBD)	2.41	24.1	0.08	
d9-THC (d9-Tetrahydrocannabinol)*	30.85	308.5	0.08	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.11	
THCA (d9-Tetrahydrocannabinolic Acid)*	29.76	297.6	0.16	
CBD (Cannabidiol)*	0.48	4.8	0.08	
CBDA (Cannabidiolic Acid)*	2.21	22.1	0.16	
CBN (Cannabinol)*	0.25	2.5	0.08	
CBG (Cannabigerol)*	0.82	8.2	0.11	
CBGA (Cannabigerolic Acid)	1.74	17.4	0.11	
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.11	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.11	
CBC (Cannabichromene)*	0.57	5.7	0.11	
THCV (Tetrahydrocannabivarin)	0.14	1.4	0.11	
Total Cannabinoids	66.82	668.2	0.08	

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



Brian Weigel
Lab Director

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Sample Name: **PHK FECO (S.O. Jager) Duplicate**
 Tested for: **OM Extracts**
Compliance Extract

Laboratory ID: 19H0179-06

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000017089

Lot # 190826-Feco PHK

License: 10051970949

Batch RFID: 1A4010300014ADD000017056

Date Sampled: 08/27/19 09:26

Batch Size: 1399 (g)

Date Accepted: 08/27/19

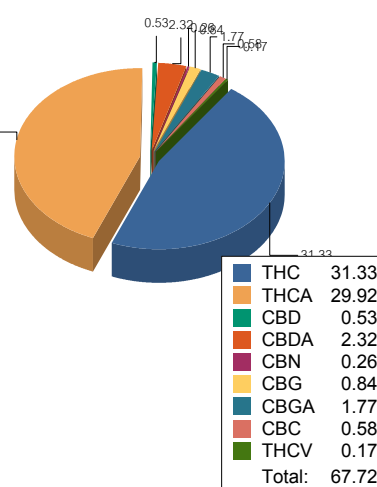
Potency Analysis

Date Extracted: 09/03/19

Analysis Method/SOP: Potency

Date Analyzed: 09/04/19

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	57.57	575.7	0.07	
Total CBD ((CBDA*0.877)+CBD)	2.57	25.7	0.07	
d9-THC (d9-Tetrahydrocannabinol)*	31.33	313.3	0.07	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.10	
THCA (d9-Tetrahydrocannabinolic Acid)*	29.92	299.2	0.14	
CBD (Cannabidiol)*	0.53	5.3	0.07	
CBDA (Cannabidiolic Acid)*	2.32	23.2	0.14	
CBN (Cannabinol)*	0.26	2.6	0.07	
CBG (Cannabigerol)*	0.84	8.4	0.10	
CBGA (Cannabigerolic Acid)	1.77	17.7	0.10	
CBDV (Cannabidivarin)*	< LOQ	< LOQ	0.10	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.10	
CBC (Cannabichromene)*	0.58	5.8	0.10	
THCV (Tetrahydrocannabivarin)	0.17	1.7	0.10	
Total Cannabinoids	67.72	677.2	0.07	

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

Sample Name: **PHK FECO (S.O. Jager)**

Sample Metrc ID: 1A4010300014ADD000017089

	Primary Result %	Duplicate Result %	Average %	% RPD	Pass/Fail (<15%RPD)
Total THC ((THCA*0.877)+d9)	56.95	57.57	57.26	1.08	PASS
Total CBD ((CBDA*0.877)+CBD)	2.41	2.57	2.49	NA	NA



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Lab Director

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Sample Name: PHK FECO (S.O. Jager) Primary	License: 10051970949
Tested for: OM Extracts	Date Sampled: 08/27/19 09:23
Compliance Extract	Date Accepted: 08/27/19
Laboratory ID: 19H0179-05	Sample Metric ID: 1A4010300014ADD000017089
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000017056
Lot # 190826-Feco PHK	Batch Size: 1399 (g)

Terpene Analysis

Date Extracted: 09/03/19 Analysis Method/SOP: Terpenes
 Date Analyzed: 09/03/19

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	< LOQ	0.099	Myrcene	< LOQ	0.099
alpha Phellandrene	< LOQ	0.099	3-Carene	< LOQ	0.099
alpha Terpinene	< LOQ	0.099	Limonene	0.244	0.099
Terpinolene	< LOQ	0.099	Linalool	0.238	0.099
Fenchol	0.195	0.099	Borneol	< LOQ	0.099
Terpineol	0.161	0.099	Geraniol	< LOQ	0.099
alpha Humulene	0.219	0.099	beta Caryophyllene	0.586	0.099
Caryophyllene Oxide	0.123	0.099	alpha Bisabolol	0.265	0.099
Camphene	< LOQ	0.099	beta Pinene	< LOQ	0.099
Ocimene	< LOQ	0.099	Sabinene	< LOQ	0.099
Camphor	< LOQ	0.099	Isoborneol	< LOQ	0.099
Menthol	< LOQ	0.099	alpha Cedrene	< LOQ	0.099
Nerolidol	< LOQ	0.099	R-(+)-Pulegone	< LOQ	0.099
Eucalyptol	< LOQ	0.099	p-Cymene	< LOQ	0.099
(-)-Isopulegol	< LOQ	0.099	Geranyl Acetate	< LOQ	0.099
Guaiol	< LOQ	0.099	Valencene	< LOQ	0.099
Phytol	0.229	0.099	Citronellol	< LOQ	0.099
gamma-Terpinene	< LOQ	0.099			
			Total Terpenes	2.260 %	

<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: **PHK FECO (S.O. Jager) Primary**

License: **10051970949**

Tested for: **OM Extracts**

Date Sampled: **08/27/19 09:23**

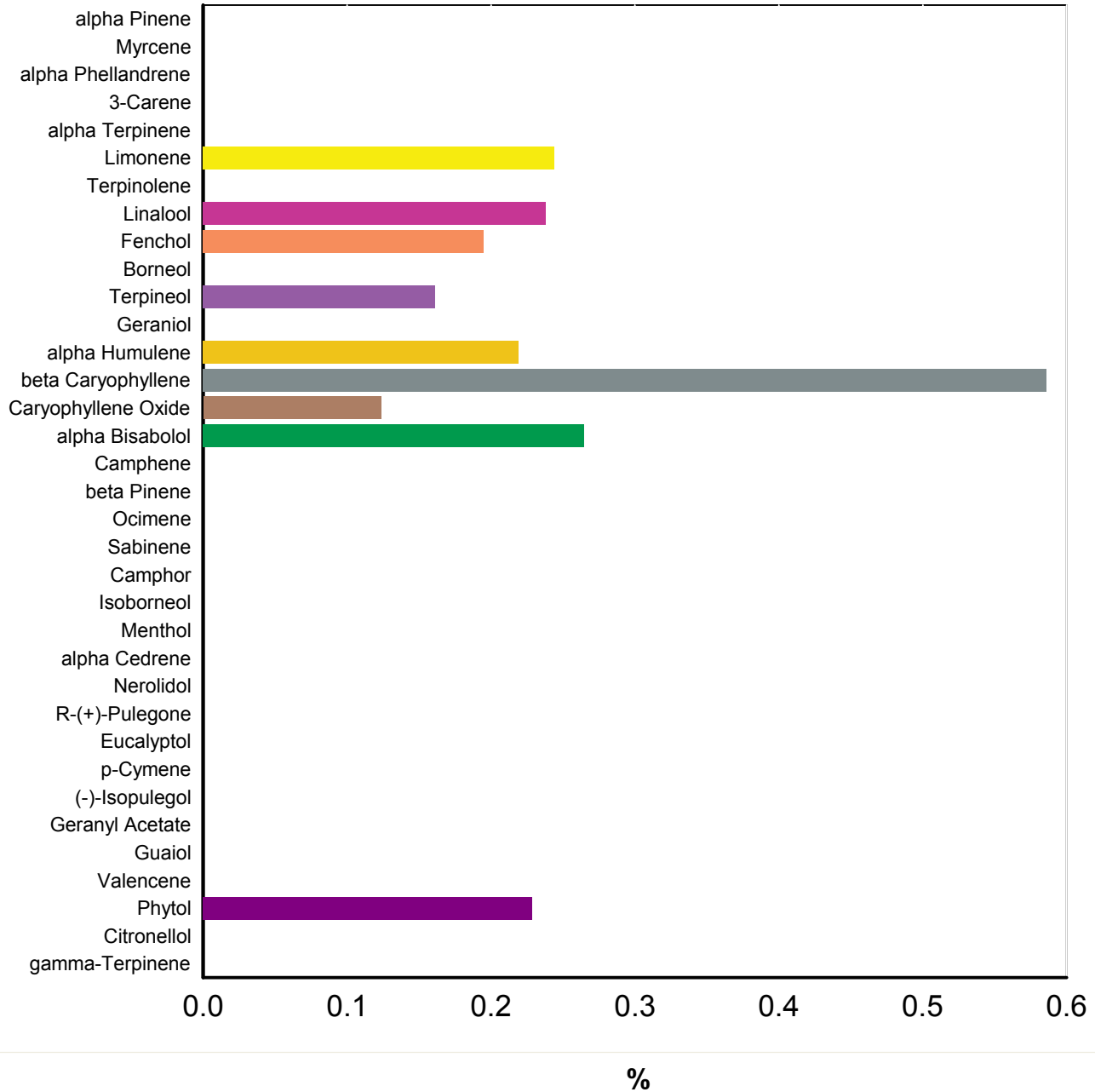
Compliance Extract

Date Accepted: **08/27/19 19:04**

Laboratory ID: **19H0179-05** Matrix: **Extracts and**

Client/Metric ID: **1A4010300014ADD000017089**

Terpene Profile




Brian Weigel
Lab Director

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Sample Name: **PHK FECO (S.O. Jager) Primary** License: **10051970949**
 Tested for: **OM Extracts** Date Sampled: **08/27/19 09:23**
Compliance Extract Date Accepted: **08/27/19**

Laboratory ID: **19H0179-05** Sample Metric ID: **1A4010300014ADD000017089**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000017056**
 Lot # **190826-Feco PHK** Batch Size: **1399 (g)**

Pesticide Analysis in ppm

Date Extracted: 08/30/19 Analysis Method/SOP: Pesticides
 Date Analyzed: 09/03/19 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.249	Acephate	< LOQ	0.4	0.200
Acequinocyl	< LOQ	2	0.998	Acetamiprid	< LOQ	0.2	0.100
Aldicarb	< LOQ	0.4	0.200	Azoxystrobin	< LOQ	0.2	0.100
Bifenazate	< LOQ	0.2	0.100	Bifenthrin	< LOQ	0.2	0.100
Boscalid	< LOQ	0.4	0.200	Carbaryl	< LOQ	0.2	0.100
Carbofuran	< LOQ	0.2	0.100	Chlorantraniliprole	< LOQ	0.2	0.100
Chlorfenapyr	< LOQ	1	0.499	Chlorpyrifos	< LOQ	0.2	0.100
Clofentezine	< LOQ	0.2	0.100	Cyfluthrin	< LOQ	1	0.499
Cypermethrin	< LOQ	1	0.499	Daminozide	< LOQ	1	0.499
DDVP (Dichlorvos)	< LOQ	1	0.499	Diazinon	< LOQ	0.2	0.100
Dimethoate	< LOQ	0.2	0.100	Ethoprophos	< LOQ	0.2	0.100
Etofenprox	< LOQ	0.4	0.200	Etoxazole	< LOQ	0.2	0.100
Fenoxycarb	< LOQ	0.2	0.100	Fenpyroximate	< LOQ	0.4	0.200
Fipronil	< LOQ	0.4	0.200	Fonicamid	< LOQ	1	0.499
Fludioxonil	< LOQ	0.4	0.200	Hexythiazox	< LOQ	1	0.499
Imazalil	< LOQ	0.2	0.100	Imidacloprid	< LOQ	0.4	0.200
Kresoxim-methyl	< LOQ	0.4	0.200	Malathion	< LOQ	0.2	0.100
Metalaxyl	< LOQ	0.2	0.100	Methiocarb	< LOQ	0.2	0.100
Methomyl	< LOQ	0.4	0.200	Methyl parathion	< LOQ	0.2	0.100
MGK-264	< LOQ	0.2	0.100	Myclobutanil	< LOQ	0.2	0.100
Naled	< LOQ	0.5	0.249	Oxamyl	< LOQ	1	0.499
Paclobutrazol	< LOQ	0.4	0.200	Permethrins (total)	< LOQ	0.2	0.100
Phosmet	< LOQ	0.2	0.100	Piperonyl butoxide	< LOQ	2	0.499
Prallethrin	< LOQ	0.2	0.100	Propiconazole	< LOQ	0.4	0.200
Propoxur	< LOQ	0.2	0.100	Pyrethrins (total)	< LOQ	1	0.499
Pyridaben	< LOQ	0.2	0.100	Spinosad	< LOQ	0.2	0.100
Spiromesifen	< LOQ	0.2	0.100	Spirotetramat	< LOQ	0.2	0.100
Spiroxamine	< LOQ	0.4	0.200	Tebuconazole	< LOQ	0.4	0.200
Thiacloprid	< LOQ	0.2	0.100	Thiamethoxam	< LOQ	0.2	0.100
Trifloxystrobin	< LOQ	0.2	0.100				

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



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Lab Director

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Sample Name: **PHK FECO (S.O. Jager) Duplicate** License: **10051970949**
 Tested for: **OM Extracts** Date Sampled: **08/27/19 09:26**
Compliance Extract Date Accepted: **08/27/19**

Laboratory ID: **19H0179-06** Sample Metric ID: **1A4010300014ADD000017089**
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000017056**
 Lot # **190826-Feco PHK** Batch Size: **1399 (g)**

Pesticide Analysis in ppm

Date Extracted: 08/30/19 Analysis Method/SOP: Pesticides
 Date Analyzed: 09/03/19 Results above the action levels are highlighted in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.247	Acephate	< LOQ	0.4	0.197
Acequinocyl	< LOQ	2	0.987	Acetamiprid	< LOQ	0.2	0.099
Aldicarb	< LOQ	0.4	0.197	Azoxystrobin	< LOQ	0.2	0.099
Bifenazate	< LOQ	0.2	0.099	Bifenthrin	< LOQ	0.2	0.099
Boscalid	< LOQ	0.4	0.197	Carbaryl	< LOQ	0.2	0.099
Carbofuran	< LOQ	0.2	0.099	Chlorantraniliprole	< LOQ	0.2	0.099
Chlorfenapyr	< LOQ	1	0.494	Chlorpyrifos	< LOQ	0.2	0.099
Clofentezine	< LOQ	0.2	0.099	Cyfluthrin	< LOQ	1	0.494
Cypermethrin	< LOQ	1	0.494	Daminozide	< LOQ	1	0.494
DDVP (Dichlorvos)	< LOQ	1	0.494	Diazinon	< LOQ	0.2	0.099
Dimethoate	< LOQ	0.2	0.099	Ethoprophos	< LOQ	0.2	0.099
Etofenprox	< LOQ	0.4	0.197	Etoxazole	< LOQ	0.2	0.099
Fenoxycarb	< LOQ	0.2	0.099	Fenpyroximate	< LOQ	0.4	0.197
Fipronil	< LOQ	0.4	0.197	Fonicamid	< LOQ	1	0.494
Fludioxonil	< LOQ	0.4	0.197	Hexythiazox	< LOQ	1	0.494
Imazalil	< LOQ	0.2	0.099	Imidacloprid	< LOQ	0.4	0.197
Kresoxim-methyl	< LOQ	0.4	0.197	Malathion	< LOQ	0.2	0.099
Metalaxyl	< LOQ	0.2	0.099	Methiocarb	< LOQ	0.2	0.099
Methomyl	< LOQ	0.4	0.197	Methyl parathion	< LOQ	0.2	0.099
MGK-264	< LOQ	0.2	0.099	Myclobutanil	< LOQ	0.2	0.099
Naled	< LOQ	0.5	0.247	Oxamyl	< LOQ	1	0.494
Paclobutrazol	< LOQ	0.4	0.197	Permethrins (total)	< LOQ	0.2	0.099
Phosmet	< LOQ	0.2	0.099	Piperonyl butoxide	< LOQ	2	0.494
Prallethrin	< LOQ	0.2	0.099	Propiconazole	< LOQ	0.4	0.197
Propoxur	< LOQ	0.2	0.099	Pyrethrins (total)	< LOQ	1	0.494
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	0.197	Tebuconazole	< LOQ	0.4	0.197
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



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Lab Director

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Sample Name: PHK FECO (S.O. Jager) Primary	License: 10051970949
Tested for: OM Extracts	Date Sampled: 08/27/19 09:23
Compliance Extract	Date Accepted: 08/27/19
Laboratory ID: 19H0179-05	Sample Metric ID: 1A4010300014ADD000017089
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000017056
Lot # 190826-Feco PHK	Batch Size: 1399 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ
1,4-Dioxane	< LOQ	380	190
2-Butanol	< LOQ	5000	2500
2-Ethoxyethanol	< LOQ	160	80.1
2-Propanol (IPA)	< LOQ	5000	2500
Acetone	< LOQ	5000	2500
Acetonitrile	< LOQ	400	205
Benzene	< LOQ	2	1.00
Butanes	< LOQ	5000	2500
Cyclohexane	< LOQ	3880	1940
Dichloromethane (methylene chloride)	< LOQ	600	300
Ethyl acetate	< LOQ	5000	2500
Ethyl ether	< LOQ	5000	2500
Ethylbenzene	< LOQ	2170	1090
Ethylene glycol	< LOQ	620	310
Ethylene oxide	< LOQ	50	25.0
Heptane	< LOQ	5000	2500
Hexanes	< LOQ	290	145
Isopropyl acetate	< LOQ	5000	2500
Isopropylbenzene (cumene)	< LOQ	70	35.0
Methanol	< LOQ	3000	1500
Pentanes	< LOQ	5000	2500
Propane	< LOQ	5000	2500
Tetrahydrofuran	< LOQ	720	360
Toluene	< LOQ	890	446
Xylenes	< LOQ	2170	1090

Date Extracted: 08/30/19
 Date Analyzed: 08/31/19
 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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Sample Name: PHK FECO (S.O. Jager) Duplicate	License: 10051970949
Tested for: OM Extracts	Date Sampled: 08/27/19 09:26
Compliance Extract	Date Accepted: 08/27/19
Laboratory ID: 19H0179-06	Sample Metric ID: 1A4010300014ADD000017089
Matrix: Extracts and Concentrates	Batch RFID: 1A4010300014ADD000017056
Lot # 190826-Feco PHK	Batch Size: 1399 (g)

Residual Solvents

Solvent	Results in ug/g	Action Level	LOQ	Date Extracted: 08/30/19
1,4-Dioxane	< LOQ	380	185	Date Analyzed: 08/31/19
2-Butanol	< LOQ	5000	2430	Analysis Method/SOP: RST
2-Ethoxyethanol	< LOQ	160	77.8	
2-Propanol (IPA)	< LOQ	5000	2430	
Acetone	< LOQ	5000	2430	
Acetonitrile	< LOQ	400	199	
Benzene	< LOQ	2	0.972	
Butanes	< LOQ	5000	2430	
Cyclohexane	< LOQ	3880	1890	
Dichloromethane (methylene chloride)	< LOQ	600	292	
Ethyl acetate	< LOQ	5000	2430	
Ethyl ether	< LOQ	5000	2430	
Ethylbenzene	< LOQ	2170	1050	
Ethylene glycol	< LOQ	620	301	
Ethylene oxide	< LOQ	50	24.3	
Heptane	< LOQ	5000	2430	
Hexanes	< LOQ	290	141	
Isopropyl acetate	< LOQ	5000	2430	
Isopropylbenzene (cumene)	< LOQ	70	34.0	
Methanol	< LOQ	3000	1460	
Pentanes	< LOQ	5000	2430	
Propane	< LOQ	5000	2430	
Tetrahydrofuran	< LOQ	720	350	
Toluene	< LOQ	890	433	
Xylenes	< LOQ	2170	1050	

<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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