

Oregon Genetics Cannabis

Sample: 1712CH0052.0279

Corvallis, OR 97333
caleb@oregongeneticscannabis.com
(503) 891-4479
Lic. #030-1005028B660

Strain: Cherry Pie
Batch#: ; Batch Size: 4394.4 - grams
Sample Received: 12/06/2017; Report Created: 12/20/2017; Expires: 12/20/2018
Sampling: Random; Environment: Room Temp

Cherry Pie

Concentrates & Extracts, Shatter, Butane
Harvest Process Lot: ; METRC Batch: 1A401300007DCA000002954; METRC Sample: 1A4010300007DCA000002966



Pass

Pesticides

Pass

Residual Solvents

Cannabinoids

008 HPLC3 20171209-4
12/09/2017

Pass

68.82%

Total THC* (Calculated
Decarboxylated Potential)

0.13%

Total CBD** (Calculated
Decarboxylated Potential)

80.58%

Total Cannabinoids Analyzed

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	1.0	75.78	757.8
Δ9-THC	1.0	2.36	23.6
THCV	1.0	<LOQ	<LOQ
CBDa	1.0	0.15	1.5
CBD	1.0	<LOQ	<LOQ
CBDV	1.0	<LOQ	<LOQ
CBN	1.0	<LOQ	<LOQ
CBGa	1.0	1.95	19.5
CBG	1.0	0.23	2.3
CBC	1.0	0.11	1.1
Total		80.58	805.8

*Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD.
Report Compliant with OAR Rule 333-008-1190.
Based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected

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Residual Solvents

220 GCMS1 20171210-1
12/10/2017

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status
1,4-Dioxane	10	380	<LOQ	Pass
2-Butanol	10	5000	<LOQ	Pass
2-Ethoxy-Ethanol	10	160	<LOQ	Pass
2-Propanol IPA	10	5000	95	Pass
Acetone	10	5000	44	Pass
Acetonitrile	40	410	<LOQ	Pass
Benzene	2	2	<LOQ	Pass
Butanes	10	5000	898	Pass
Cumene	10	70	<LOQ	Pass
Cyclohexane	10	3880	<LOQ	Pass
Dichloromethane	10	600	<LOQ	Pass
Ethyl-Acetate	10	5000	<LOQ	Pass
Ethyl-Ether	10	5000	<LOQ	Pass
Ethylene Glycol	620	620	<LOQ	Pass
Ethylene Oxide	10	50	<LOQ	Pass
Heptane	10	5000	<LOQ	Pass
Hexanes	10	290	<LOQ	Pass
Isopropyl-Acetate	10	5000	<LOQ	Pass
Methanol	40	3000	<LOQ	Pass
Pentanes	10	5000	<LOQ	Pass
Propane	10	5000	<LOQ	Pass
Tetrahydrofuran	10	720	<LOQ	Pass
Toluene	10	890	<LOQ	Pass
Xylenes	10	2170	<LOQ	Pass

LOQ = Limit of Quantification; PPM = Parts Per Million; NR = Not Reported; ND = Not Detected. Method: EPA 8260C, Agilent 6890A GCMS with 7679A Headspace Autosampler; ORELAP ID 4057

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Pesticides

385 LCQQQ1 20171213-1
12/13/2017

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	300	500	<LOQ	Pass	Imazalil	200	200	<LOQ	Pass
Acephate	200	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	900	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	200	200	<LOQ	Pass	Malathion	200	200	<LOQ	Pass
Aldicarb	300	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	200	200	<LOQ	Pass	Methiocarb	200	200	<LOQ	Pass
Bifenazate	200	200	<LOQ	Pass	Methomyl	200	400	<LOQ	Pass
Bifenthrin	200	200	<LOQ	Pass	Methyl Parathion	200	200	<LOQ	Pass
Boscalid	400	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	200	200	<LOQ	Pass	Myclobutanil	200	200	<LOQ	Pass
Carbofuran	200	200	<LOQ	Pass	Naled	500	500	<LOQ	Pass
Chlorantraniliprole	200	200	<LOQ	Pass	Oxamyl	200	1000	<LOQ	Pass
Chlorfenapyr	500	1000	<LOQ	Pass	Pacllobutrazol	100	400	<LOQ	Pass
Chlorpyrifos	200	200	<LOQ	Pass	Permethrins	200	200	<LOQ	Pass
Clofentezine	200	200	<LOQ	Pass	Phosmet	200	200	<LOQ	Pass
Cyfluthrin	1000	1000	<LOQ	Pass	Piperonyl Butoxide	200	2000	<LOQ	Pass
Cypermethrin	1000	1000	<LOQ	Pass	Prallethrin	200	200	<LOQ	Pass
Daminozide	200	1000	<LOQ	Pass	Propiconazole	400	400	<LOQ	Pass
Diazinon	200	200	<LOQ	Pass	Propoxur	200	200	<LOQ	Pass
Dichlorvos	800	1000	<LOQ	Pass	Pyrethrins	1000	1000	<LOQ	Pass
Dimethoate	200	200	<LOQ	Pass	Pyridaben	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass	Spinosad	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass	Spiromesifen	100	200	<LOQ	Pass
Etoazole	100	200	<LOQ	Pass	Spirotetramat	200	200	<LOQ	Pass
Fenoxycarb	200	200	<LOQ	Pass	Spiroxamine	100	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	200	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	200	200	<LOQ	Pass
Fonicamid	200	1000	<LOQ	Pass	Thiamethoxam	200	200	<LOQ	Pass
Fludioxonil	400	400	<LOQ	Pass	Trifloxystrobin	200	200	<LOQ	Pass
Hexythiazox	500	1000	<LOQ	Pass					

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057

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Terpenes

161 GCFID1 20171218-2
12/18/2017


Analyte	Mass %	Mass mg/g	LOQ %	
Nerolidol	1.51	15.1	0.03	<div style="width: 100%;"></div>
β-Caryophyllene	1.33	13.3	0.03	<div style="width: 95%;"></div>
Ocimene	1.23	12.3	0.03	<div style="width: 90%;"></div>
α-Humulene	0.74	7.4	0.03	<div style="width: 50%;"></div>
Linalool	0.65	6.5	0.03	<div style="width: 45%;"></div>
β-Pinene	0.33	3.3	0.03	<div style="width: 25%;"></div>
α-Pinene	0.30	3.0	0.03	<div style="width: 20%;"></div>
(-)-α-Bisabolol	0.29	2.9	0.03	<div style="width: 18%;"></div>
β-Myrcene	0.18	1.8	0.03	<div style="width: 10%;"></div>
Terpinolene	0.08	0.8	0.03	<div style="width: 5%;"></div>
Camphene	0.06	0.6	0.03	<div style="width: 3%;"></div>
p-Isopropyltoluene	0.04	0.4	0.03	<div style="width: 2%;"></div>
α-Terpinene	<LOQ	<LOQ	0.03	
δ-3-Carene	<LOQ	<LOQ	0.03	
δ-Limonene	<LOQ	<LOQ	0.03	
γ-Terpinene	<LOQ	<LOQ	0.03	
Geraniol	<LOQ	<LOQ	0.03	
Guaiol	<LOQ	<LOQ	0.03	
Isopulegol	<LOQ	<LOQ	0.03	

Primary Aromas


6.74%
Total Terpenes




Orange




Cinnamon



Earthy



Hops



Lavender

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
008 HPLC3 20171209-4	PMB12061701CN	Cannabinoids	Blank

QC Notes

None

Compounds	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0.1	<LOQ	-
Δ9-THC	0.1	<LOQ	-
CBDa	0.1	<LOQ	-
CBD	0.1	<LOQ	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
008 HPLC3 20171209-4	PLCS12061701CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	17.85	16.98	105.12	70 - 130	-
Δ9-THC	11.58	10.92	106.04	70 - 130	-
CBDa	13.1	11.13	117.7	70 - 130	-
CBD	11.75	10.74	109.4	57 - 143	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
008 HPLC3 20171209-4	PMS12061701CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.1	3.01	<20	92	70 - 130	-
Δ9-THC	0.1	1.65	<20	94	70 - 130	-
CBDa	0.1	0	<20	76	70 - 130	-
CBD	0.1	<LOQ	<LOQ	90	70 - 130	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
008 GCQQQ2 20171212-2	MRMB12061702	Required Pesticides	Blank

QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Chlorfenapyr	500	<LOQ	-
Cyfluthrin	1000	<LOQ	-
Cypermethrin	1000	<LOQ	-
Fipronil	40	<LOQ	-
Fludioxonil	40	<LOQ	-
MGK-264	200	<LOQ	-
Methyl Parathion	200	<LOQ	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
385 LCQQQ1 20171213-1	MRMB12061702 LC	Required Pesticides	Blank

QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB
Acephate	200	<LOQ
Acequinocyl	900	<LOQ
Acetamiprid	200	<LOQ
Aldicarb	300	<LOQ
Abamectin	300	<LOQ
Azoxystrobin	200	<LOQ
Bifenazate	200	<LOQ
Bifenthrin	200	<LOQ
Boscalid	400	<LOQ
Carbaryl	200	<LOQ
Carbofuran	200	<LOQ
Chlorantraniliprole	200	<LOQ
Chlorpyrifos	200	<LOQ
Clofentezine	200	<LOQ
Daminozide	200	<LOQ
Diazinon	200	<LOQ
Dichlorvos	800	<LOQ
Dimethoate	200	<LOQ
Ethoprophos	100	<LOQ
Etofenprox	200	<LOQ
Etoxazole	100	<LOQ
Fenoxycarb	200	<LOQ
Fenprothiopyridate	200	<LOQ
Flonicamid	100	<LOQ
Hexythiazox	500	<LOQ
Imazalil	300	<LOQ
Imidacloprid	100	<LOQ
Kresoxim Methyl	100	<LOQ
Malathion	200	<LOQ
Metalaxyl	100	<LOQ



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Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
385 LCQQQ1 20171213-1	MRMB12061702 LC	Required Pesticides	Blank

QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB
Methiocarb	200	<LOQ
Methomyl	200	<LOQ
Myclobutanil	200	<LOQ
Naled	500	<LOQ
Oxamyl	200	<LOQ
Paclobutrazol	100	<LOQ
Permethrin	200	<LOQ
Phosmet	300	<LOQ
Piperonyl Butoxide	200	<LOQ
Prallethrin	200	<LOQ
Propiconazole	400	<LOQ
Propoxur	200	<LOQ
Pyrethrins	1000	<LOQ
Pyridaben	100	<LOQ
Spinosad	100	<LOQ
Spiromesifen	100	<LOQ
Spirotetramat	200	<LOQ
Spiroxamine	100	<LOQ
Tebuconazole	200	<LOQ
Thiacloprid	200	<LOQ
Thiamethoxam	200	<LOQ
Trifloxystrobin	200	<LOQ



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Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
008 GCQQQ2 20171212-2	MRLCS12061702	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Chlorfenapyr	108	69 - 132	-
Cyfluthrin	102	68 - 136	-
Cypermethrin	102	67 - 134	-
Fipronil	104	67 - 136	-
Fludioxonil	116.000	69 - 139	-
MGK-264	102	65 - 145	-
Parathion Methyl	102	66 - 131	-



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385 LCQQQ1 20171213-1	MRLCS12061702 LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	100.6	56 - 149	-
Acequinocyl	102	30 - 142	-
Acetamiprid	101.9	56 - 149	-
Aldicarb	101.5	53 - 150	-
Abamectin	122.1	30 - 140	-
Azoxystrobin	101.7	55 - 138	-
Bifenazate	96.9	53 - 137	-
Bifenthrin	118.5	30 - 150	-
Boscalid	82.4	55 - 142	-
Carbaryl	104.1	56 - 150	-
Carbofuran	101.9	57 - 142	-
Chlorantraniliprole	100.6	54 - 141	-
Chlorpyrifos	102	34 - 150	-
Clofentezine	96.3	44 - 150	-
Daminozide	96.2	30 - 150	-
Diazinon	91	55 - 134	-
Dichlorvos	109.4	49 - 149	-
Dimethoate	100	56 - 149	-
Ethoprophos	91.9	52 - 143	-
Etofenprox	113.7	46 - 140	-
Etoxazole	85.1	50 - 134	-
Fenoxycarb	94.1	53 - 139	-
Fenpyroximate	86.8	45 - 127	-
Flonicamid	101.4	55 - 145	-
Hexythiazox	96.7	39 - 141	-
Imazalil	75.4	40 - 149	-
Imidacloprid	105.1	54 - 150	-
Kresoxim Methyl	100.1	57 - 139	-
Malathion	97.7	51 - 147	-
Metalaxyl	99.8	58 - 142	-



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385 LCQQQ1 20171213-1	MRLCS12061702 LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	99.2	50 - 150	-
Methomyl	103.7	55 - 150	-
Myclobutanil	91.9	54 - 145	-
Naled	103.7	49 - 146	-
Oxamyl	103.6	56 - 147	-
Paclobutrazol	93.2	56 - 139	-
Permethrin	134.1	30 - 138	-
Phosmet	106.1	57 - 146	-
Piperonyl Butoxide	92.7	48 - 146	-
Prallethrin	93.7	53 - 146	-
Propiconazole	77.4	49 - 129	-
Propoxur	105.1	56 - 150	-
Pyrethrins	107.31	30 - 150	-
Pyridaben	100.9	50 - 132	-
Spinosad	52.2	30 - 150	-
Spiromesifen	103.3	52 - 136	-
Spirotetramat	94	46 - 150	-
Spiroxamine	62.3	30 - 150	-
Tebuconazole	83.8	48 - 136	-
Thiacloprid	102.5	47 - 150	-
Thiamethoxam	99	57 - 147	-
Trifloxystrobin	100.3	46 - 147	-



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008 GCQQQ2 20171212-2	MRMS12061702	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Chlorfenapyr	7.91	20	<20	97.2	62 - 130	
Cyfluthrin	5.36	20	<20	87.2	63 - 128	
Cypermethrin	2.53	20	<20	93.6	58 - 126	
Fipronil	1.24	20	<20	96.4	62 - 134	
Fludioxonil	0.78	20	<20	102.8	62 - 139	
MGK-264	2.61	20	<20	90.8	56 - 150	
Methyl Parathion	0.45	20	<20	89.2	63 - 135	



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Concentrates & Extracts, Shatter, Butane
Harvest Process Lot: ; METRC Batch: 1A401300007DCA000002954; METRC Sample: 1A4010300007DCA000002966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
385 LCQQQ1 20171213-1	MRMS12061702 LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Acephate	8.61	30	<30	97.8	52 - 150	-
Acequinocyl	38.46	30	>30	88	30 - 147	-
Acetamiprid	6.08	30	<30	90.9	47 - 148	-
Aldicarb	8.82	30	<30	93.2	48 - 145	-
Abamectin	27.56	30	<30	122.3	41 - 150	-
Azoxystrobin	10.53	30	<30	96.3	50 - 150	-
Bifenazate	9.14	30	<30	96.1	50 - 150	-
Bifenthrin	4.82	30	<30	188.1	46 - 150	Above Limit Range
Boscalid	15.42	30	<30	98.5	50 - 150	-
Carbaryl	4.38	30	<30	104.9	57 - 150	-
Carbofuran	8.66	30	<30	96.1	51 - 150	-
Chlorantraniliprole	11.01	30	<30	90.1	52 - 150	-
Chlorpyrifos	22.3	30	<30	97.6	30 - 150	-
Clofentezine	8.48	30	<30	73.4	53 - 146	-
Daminozide	5.95	30	<30	81.5	30 - 150	-
Diazinon	7.19	30	<30	89.8	41 - 145	-
Dichlorvos	6.73	30	<30	99.1	54 - 141	-
Dimethoate	7.23	30	<30	90.7	49 - 149	-
Ethoprophos	3.75	30	<30	96.8	47 - 146	-
Etofenprox	20.77	30	<30	176.62	38 - 150	Above Limit Range
Etoxazole	6.76	30	<30	74.3	34 - 150	-
Fenoxycarb	8.73	30	<30	83.3	54 - 150	-
Fenproximate	10.42	30	<30	71.9	34 - 150	-
Flonicamid	10.06	30	<30	85.9	45 - 143	-
Hexythiazox	18.59	30	<30	73.2	30 - 150	-
Imazalil	6.52	30	<30	75.7	30 - 147	-
Imidacloprid	6.7	30	<30	86.5	43 - 148	-
Kresoxim Methyl	5.7	30	<30	103.9	56 - 144	-
Malathion	7.62	30	<30	94.7	55 - 150	-
Metalaxyl	7.14	30	<30	91.9	50 - 150	-



Oregon Genetics Cannabis

Sample: 1712CH0052.0279

Corvallis, OR 97333
caleb@oregongeneticscannabis.com
(503) 891-4479
Lic. #030-1005028B660

Strain: Cherry Pie
Batch#: ; Batch Size: 4394.4 - grams
Sample Received: 12/06/2017; Report Created: 12/20/2017; Expires: 12/20/2018
Sampling: Random; Environment: Room Temp

Cherry Pie

Concentrates & Extracts, Shatter, Butane
Harvest Process Lot: ; METRC Batch: 1A401300007DCA000002954; METRC Sample: 1A4010300007DCA000002966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
385 LCQQQ1 20171213-1	MRMS12061702 LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Methiocarb	11.6	30	<30	100.7	50 - 150	-
Methomyl	7.57	30	<30	90.2	42 - 150	-
Myclobutanil	9.37	30	<30	102.7	43 - 150	-
Naled	10.47	30	<30	94.1	46 - 150	-
Oxamyl	7.62	30	<30	90.9	41 - 150	-
Paclobutrazol	8.98	30	<30	96.8	47 - 150	-
Permethrin	8.5	30	<30	174.7	37 - 150	Above Limit Range
Phosmet	16.93	30	<30	115.7	35 - 150	-
Piperonyl Butoxide	7.48	30	<30	96.5	30 - 149	-
Prallethrin	10.31	30	<30	69	46 - 150	-
Propiconazole	17.46	30	<30	43.9	40 - 150	-
Propoxur	7.05	30	<30	97.2	53 - 150	-
Pyrethrins	19.86	30	<30	87.31	30 - 150	-
Pyridaben	11.37	30	<30	163.4	41 - 150	Above Limit Range
Spinosad	1.2	30	<30	66.9	30 - 150	-
Spiromesifen	13.79	30	<30	84.4	43 - 150	-
Spirotetramat	6.07	30	<30	91.1	48 - 150	-
Spiroxamine	4.13	30	<30	66.4	30 - 143	-
Tebuconazole	8.78	30	<30	87.1	45 - 150	-
Thiacloprid	7.33	30	<30	97.2	50 - 147	-
Thiamethoxam	7.57	30	<30	87.7	40 - 147	-
Trifloxystrobin	9.99	30	<30	98.9	50 - 150	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
220 GCMS1 20171210-1	RSMB12061701	Required Solvents	Blank

QC Notes

None

Compounds	Method LOQ (PPM)	Blank Result PPM	Notes
Xylenes	30	<LOQ	-
1,4-Dioxane	10	<LOQ	-
2-Butanol	10	<LOQ	-
2-Ethoxy-Ethanol	10	<LOQ	-
2-Methyl-Butane	10	<LOQ	-
2-Methyl-Pentane	10	<LOQ	-
2,2-Dimethyl-Butane	10	<LOQ	-
2,3-Dimethyl-Butane	10	<LOQ	-
3-Methyl-Pentane	10	<LOQ	-
Acetone	10	<LOQ	-
Acetonitrile	40	<LOQ	-
Benzene	0.5	<LOQ	-
Butane	10	<LOQ	-
Cumene	10	<LOQ	-
Cyclohexane	10	<LOQ	-
Dichloro-Methane	10	<LOQ	-
Ethyl-Acetate	10	<LOQ	-
Ethyl-Benzene	10	<LOQ	-
Ethyl-Ether	10	<LOQ	-
Ethylene Glycol	10	<LOQ	-
Ethylene Oxide	10	<LOQ	-
Heptane	10	<LOQ	-
Isobutane	10	<LOQ	-
Isopropyl-Acetate	10	<LOQ	-
Isopropyl Alcohol	10	<LOQ	-
Methanol	40	<LOQ	-
Neopentane	10	<LOQ	-
n-Hexane	10	<LOQ	-
Pentane	10	<LOQ	-
Propane	10	<LOQ	-



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Cherry Pie

Concentrates & Extracts, Shatter, Butane
Harvest Process Lot: ; METRC Batch: 1A401300007DCA000002954; METRC Sample: 1A4010300007DCA000002966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
220 GCMS1 20171210-1	RSMB12061701	Required Solvents	Blank

QC Notes

None

Compounds	Method LOQ (PPM)	Blank Result PPM	Notes
Tetrahydrofuran	10	<LOQ	-
Toluene	10	<LOQ	-



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Cherry Pie

Concentrates & Extracts, Shatter, Butane
Harvest Process Lot: ; METRC Batch: 1A401300007DCA000002954; METRC Sample: 1A4010300007DCA000002966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
220 GCMS1 20171210-1	RSLCS12061701	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Xylenes	86.27	67 - 133	-
1,4-Dioxane	86.4	67 - 133	-
2-Butanol	88.4	70 - 130	-
2-Ethoxy-Ethanol	85.4	70 - 130	-
2-Methyl-Butane	91	52 - 148	-
2-Methyl-Pentane	112.6	54 - 146	-
2,2-Dimethyl-Butane	75.2	54 - 146	-
2,3-Dimethyl-Butane	112.6	53 - 147	-
3-Methyl-Pentane	82.2	55 - 145	-
Acetone	85.6	56 - 144	-
Acetonitrile	126	60 - 140	-
Benzene	93	70 - 130	-
Butane	77	42 - 150	-
Cumene	89.4	68 - 132	-
Cyclohexane	84.8	56 - 144	-
Dichloro-Methane	85.2	58 - 142	-
Ethyl-Acetate	92.2	61 - 139	-
Ethyl-Benzene	88.6	61 - 139	-
Ethyl-Ether	88.8	55 - 145	-
Ethylene Glycol	89.6	33 - 150	-
Ethylene Oxide	93.2	65 - 135	-
Heptane	83.8	51 - 149	-
Isobutane	78.2	37 - 150	-
Isopropyl-Acetate	88.2	61 - 139	-
Isopropyl Alcohol	100.6	70 - 130	-
Methanol	82.4	56 - 144	-
Neopentane	82.2	42 - 150	-
n-Hexane	86.4	53 - 147	-
Pentane	82	51 - 149	-
Propane	74.6	30 - 150	-



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Strain: Cherry Pie
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Cherry Pie

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
220 GCMS1 20171210-1	RSLCS12061701	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Tetrahydrofuran	82	60 - 140	-
Toluene	91.8	62 - 138	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
220 GCMS1 20171210-1	RSMS12061701	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Xylenes	30	<LOQ	<LOQ	87	30 - 142	-
1,4-Dioxane	10	<LOQ	<LOQ	90	53 - 147	-
2-Butanol	10	<LOQ	<LOQ	90	70 - 130	-
2-Ethoxy-Ethanol	10	<LOQ	<LOQ	96	53 - 147	-
2-Methyl-Butane	10	<LOQ	<LOQ	93	34 - 150	-
2-Methyl-Pentane	10	<LOQ	<LOQ	117	45 - 150	-
2,2-Dimethyl-Butane	10	<LOQ	<LOQ	54	44 - 150	-
2,3-Dimethyl-Butane	10	<LOQ	<LOQ	117	45 - 150	-
3-Methyl-Pentane	10	<LOQ	<LOQ	84	45 - 150	-
Acetone	10	8.06	<30	69	30 - 150	-
Acetonitrile	40	<LOQ	<LOQ	82	50 - 150	-
Benzene	2	<LOQ	<LOQ	97	56 - 144	-
Butane	10	<LOQ	<LOQ	76	30 - 150	-
Cumene	10	<LOQ	<LOQ	91	30 - 150	-
Cyclohexane	10	<LOQ	<LOQ	85	47 - 150	-
Dichloro-Methane	10	<LOQ	<LOQ	88	49 - 150	-
Ethyl-Acetate	10	<LOQ	<LOQ	100	30 - 150	-
Ethyl-Benzene	10	<LOQ	<LOQ	83	48 - 150	-
Ethyl-Ether	10	<LOQ	<LOQ	91	45 - 150	-
Ethylene Glycol	620	<LOQ	<LOQ	119	30 - 150	-
Ethylene Oxide	10	<LOQ	<LOQ	93	53 - 147	-
Heptane	10	<LOQ	<LOQ	87	44 - 150	-
Isobutane	10	<LOQ	<LOQ	77	30 - 150	-
Isopropyl-Acetate	10	<LOQ	<LOQ	91	49 - 150	-
Isopropyl Alcohol	10	3.03	<30	86	70 - 130	-
Methanol	40	<LOQ	<LOQ	80	30 - 150	-
Neopentane	10	<LOQ	<LOQ	83	31 - 150	-
n-Hexane	10	42.86	>30	86	43 - 150	-
Pentane	10	<LOQ	<LOQ	82	40 - 150	-
Propane	10	<LOQ	<LOQ	70	30 - 150	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
220 GCMS1 20171210-1	RSMS12061701	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Tetrahydrofuran	10	<LOQ	<LOQ	83	49 - 150	-
Toluene	10	<LOQ	<LOQ	93	49 - 150	-

