

Oregon Genetics Cannabis

Sample: 1903CH0204.0967

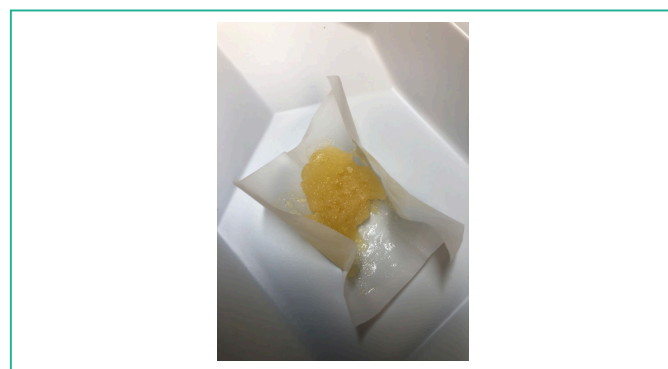
Corvallis, OR 97333
info@oregongeneticscannabis.com
(503) 891-4479
Lic. #030-1005028Bb660

Strain: 24k
Batch#: ; Batch Size: 2540 g
Sample Received: 03/13/2019; Report Created: 03/20/2019; Expires: 03/20/2020
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

24k

Concentrates & Extracts, Other, Butane

Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000023364; METRC Sample: 1A4010300007DCA000023371



Pass

Pesticides

Pass

Residual Solvents

Cannabinoids

265 HPLC4 20190316-1
03/16/2019 | METRC THC RPD Status: Not Tested

Pass

73.17%

Total THC* (Calculated
Decarboxylated Potential)

0.13%

Total CBD** (Calculated
Decarboxylated Potential)

83.96%

Total Cannabinoids Analyzed

Analyte	LOQ mg/g	Mass %	Mass mg/g
THCa		77.81	778.1
Δ9-THC		4.93	49.3
Δ8-THC	<LOQ	<LOQ	<LOQ
THCVa	<LOQ	<LOQ	<LOQ
THCV	<LOQ	<LOQ	<LOQ
CBDa		0.14	1.4
CBD	<LOQ	<LOQ	<LOQ
CBDV	<LOQ	<LOQ	<LOQ
CBNa	<LOQ	<LOQ	<LOQ
CBN	<LOQ	<LOQ	<LOQ
CBGa		0.90	9.0
CBG		0.18	1.8
CBCa	<LOQ	<LOQ	<LOQ
CBC	<LOQ	<LOQ	<LOQ
CBLa	<LOQ	<LOQ	<LOQ
Total		83.96	839.6

*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

254 GCMS2 20190314-1
03/14/2019
METRC RPD Status: Not Tested

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,4-Dioxane	59		<LOQ	Tested
2-Butanol	59		<LOQ	Tested
2-Ethoxy-Ethanol	59		<LOQ	Tested
Acetone	15		<LOQ	Tested
Acetonitrile	59		<LOQ	Tested
Benzene	2		<LOQ	Tested
Butanes	15		31	Tested
Cumene	3		<LOQ	Tested
Cyclohexane	15		<LOQ	Tested
Dichloromethane	3		<LOQ	Tested
Ethanol			<LOQ	Tested
Ethyl-Acetate	15		<LOQ	Tested
Ethyl-Ether	59		<LOQ	Tested
Ethylene Glycol	59		<LOQ	Tested
Ethylene Oxide	15		<LOQ	Tested
Heptane	59		<LOQ	Tested
Hexanes	15		<LOQ	Tested
Isopropanol	59	5000	<LOQ	Pass
Isopropyl-Acetate	59	5000	<LOQ	Pass
Methanol	59	3000	<LOQ	Pass
Pentanes		5000	<LOQ	Pass
Propane		5000	<LOQ	Pass
Tetrahydrofuran		720	<LOQ	Pass
Toluene		890	<LOQ	Pass
Xylenes		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

431 LCQQQ3 20190318-1

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	400	500	<LOQ	Pass	Imazalil	100	200	<LOQ	Pass
Acephate	100	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	750	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	100	200	<LOQ	Pass	Malathion	100	200	<LOQ	Pass
Aldicarb	300	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	100	200	<LOQ	Pass	Methiocarb	100	200	<LOQ	Pass
Bifenazate	100	200	<LOQ	Pass	Methomyl	100	400	<LOQ	Pass
Bifenthrin	100	200	<LOQ	Pass	Methyl Parathion	100	200	<LOQ	Pass
Boscalid	200	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	100	200	<LOQ	Pass	Myclobutanil	100	200	<LOQ	Pass
Carbofuran	100	200	<LOQ	Pass	Naled	100	500	<LOQ	Pass
Chlorantraniliprole	100	200	<LOQ	Pass	Oxamyl	100	1000	<LOQ	Pass
Chlorfenapyr	400	1000	<LOQ	Pass	Paclobutrazol	100	400	<LOQ	Pass
Chlorpyrifos	150	200	<LOQ	Pass	Permethrins	150	200	<LOQ	Pass
Clofentezine	100	200	<LOQ	Pass	Phosmet	100	200	<LOQ	Pass
Cyfluthrin	400	1000	<LOQ	Pass	Piperonyl Butoxide	100	2000	<LOQ	Pass
Cypermethrin	400	1000	<LOQ	Pass	Prallethrin	150	200	<LOQ	Pass
Daminozide	400	1000	<LOQ	Pass	Propiconazole	200	400	<LOQ	Pass
Diazinon	100	200	<LOQ	Pass	Propoxur	100	200	<LOQ	Pass
Dichlorvos	150	1000	<LOQ	Pass	Pyrethrins	400	1000	<LOQ	Pass
Dimethoate	100	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	100	200	<LOQ	Pass
Fenoxycarb	100	200	<LOQ	Pass	Spiroxamine	150	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	100	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	100	200	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass	Thiamethoxam	150	200	<LOQ	Pass
Fludioxonil	200	400	<LOQ	Pass	Trifloxystrobin	100	200	<LOQ	Pass
Hexythiazox	200	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

450 GCFID1 20190315-3
03/15/2019

Analyte	Mass %	Mass mg/g	LOQ %	Analyte	Mass %	Mass mg/g	LOQ %
α-Pinene	0.49	4.9		Isoborneol	<LOQ	<LOQ	
Camphene	0.03	0.3		Borneol	0.02	0.2	
Sabinene	<LOQ	<LOQ		Hexahydro Thymol	<LOQ	<LOQ	
(-) -β-Pinene	0.22	2.2		α-Terpineol	0.05	0.5	
β-Myrcene	1.52	15.2		γ-Terpineol	0.58	5.8	
α-Phellandrene	<LOQ	<LOQ		Nerol	<LOQ	<LOQ	
δ-3-Carene	<LOQ	<LOQ		Pulegone	<LOQ	<LOQ	
α-Terpinene	<LOQ	<LOQ		Geraniol	<LOQ	<LOQ	
p-Isopropyltoluene	<LOQ	<LOQ		Farnesene	0.07	0.7	
δ-Limonene	0.33	3.3		α-Cedrene	0.02	0.2	
Eucalyptol	<LOQ	<LOQ		β-Caryophyllene	1.04	10.4	
Ocimene 1	<LOQ	<LOQ		α-Humulene	0.36	3.6	
Ocimene 2	0.02	0.2		Valencene	0.16	1.6	
γ-Terpinene	<LOQ	<LOQ		Geranyl Acetate	0.29	2.9	
Sabinene Hydrate	<LOQ	<LOQ		cis-Nerolidol	0.05	0.5	
Fenchone	<LOQ	<LOQ		β-Nerolidol	0.75	7.5	
Terpinolene	0.01	0.1		trans-Nerolidol	0.06	0.6	
Linalool	0.08	0.8		Caryophyllene Oxide	0.05	0.5	
Endo-Fenchyl Alcohol	0.07	0.7		(-) -Guaiol	0.18	1.8	
Camphor	<LOQ	<LOQ		Cedrol	0.02	0.2	
(-) -Isopulegol	<LOQ	<LOQ		(-) -α-Bisabolol	0.17	1.7	

Primary Aromas



Method: GC-FID; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
265 HPLC4 20190316-1	PMB03151901CN	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
265 HPLC4 20190316-1	PLCS03151901CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	11.38	12.2	93.28	70 - 130	-
Δ9-THC	14.15	15.16	93.34	70 - 130	-
CBDa	3.47	3.64	95.33	70 - 130	-
CBD	13.67	13.86	98.63	57 - 143	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
265 HPLC4 20190316-1	PMS03151901CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.1	0.07	<20	82	70 - 130	-
Δ9-THC	0.1	0.56	<20	93	70 - 130	-
CBDa	0.1	4.26	<20	110	70 - 130	-
CBD	0.1	<LOQ	<LOQ	98	70 - 130	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
217 GCQQQ2 20190316-2	MRMB03141904C	Required Pesticides	Blank

QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Chlorfenapyr	400	<LOQ	-
Cyfluthrin	400	<LOQ	-
Cypermethrin	400	<LOQ	-
Fipronil	100	<LOQ	-
Fludioxonil	200	<LOQ	-
MGK-264	100	<LOQ	-
Methyl Parathion	100	<LOQ	-

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
431 LCQQQ3 20190318-1	MRMB03141904C LC	Required Pesticides	Blank

QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Acephate	100	<LOQ	
Acequinocyl	750	<LOQ	
Acetamiprid	100	<LOQ	
Aldicarb	300	<LOQ	
Abamectin	400	<LOQ	
Azoxystrobin	100	<LOQ	
Bifenazate	100	<LOQ	
Bifenthrin	100	<LOQ	
Boscalid	200	<LOQ	
Carbaryl	100	<LOQ	
Carbofuran	100	<LOQ	
Chlorantraniliprole	100	<LOQ	
Chlorpyrifos	150	<LOQ	
Clofentezine	100	<LOQ	
Daminozide	400	<LOQ	
Diazinon	100	<LOQ	
Dichlorvos	150	<LOQ	
Dimethoate	100	<LOQ	
Ethoprophos	100	<LOQ	
Etofenprox	200	<LOQ	
Etoxazole	100	<LOQ	
Fenoxycarb	100	<LOQ	
Fenpyroximate	200	<LOQ	
Flonicamid	200	<LOQ	
Hexythiazox	200	<LOQ	
Imazalil	100	<LOQ	
Imidacloprid	100	<LOQ	
Kresoxim Methyl	100	<LOQ	
Malathion	100	<LOQ	
Metalaxyl	100	<LOQ	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
431 LCQQQ3 20190318-1	MRMB03141904C LC	Required Pesticides	Blank

QC Notes

None

Compounds	LOQ (PPB)	Blank Result PPB	Notes
Methiocarb	100	<LOQ	
Methomyl	100	<LOQ	
Myclobutanil	100	<LOQ	
Naled	100	<LOQ	
Oxamyl	100	<LOQ	
Paclobutrazol	100	<LOQ	
Permethrin	150	<LOQ	
Phosmet	100	<LOQ	
Piperonyl Butoxide	100	<LOQ	
Prallethrin	150	<LOQ	
Propiconazole	200	<LOQ	
Propoxur	100	<LOQ	
Pyrethrins	400	<LOQ	
Pyridaben	100	<LOQ	
Spinosad	100	<LOQ	
Spiromesifen	100	<LOQ	
Spirotetramat	100	<LOQ	
Spiroxamine	150	<LOQ	
Tebuconazole	100	<LOQ	
Thiacloprid	100	<LOQ	
Thiamethoxam	150	<LOQ	
Trifloxystrobin	100	<LOQ	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
217 GCQQQ2 20190316-2	MRLCS03141904C	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Chlorfenapyr	93	69 - 132	-
Cyfluthrin	93	68 - 136	-
Cypermethrin	96	67 - 134	-
Fipronil	98	67 - 136	-
Fludioxonil	101	69 - 139	-
MGK-264	94	65 - 145	-
Parathion Methyl	98	66 - 131	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
431 LCQQQ3 20190318-1	MRLCS03141904C LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	95.34	56 - 149	-
Acequinocyl	108.97	30 - 142	-
Acetamiprid	95.76	56 - 149	-
Aldicarb	99.9	53 - 150	-
Abamectin	109.73	30 - 140	-
Azoxystrobin	97.6	55 - 138	-
Bifenazate	100.25	53 - 137	-
Bifenthrin	100.32	30 - 150	-
Boscalid	100.45	55 - 142	-
Carbaryl	99.45	56 - 150	-
Carbofuran	98.66	57 - 142	-
Chlorantraniliprole	98.84	54 - 141	-
Chlorpyrifos	102.7	34 - 150	-
Clofentezine	103.21	44 - 150	-
Daminozide	93.99	30 - 150	-
Diazinon	100.88	55 - 134	-
Dichlorvos	95.92	49 - 149	-
Dimethoate	97.31	56 - 149	-
Ethoprophos	102.92	52 - 143	-
Etofenprox	103.97	46 - 140	-
Etoxazole	105.61	50 - 134	-
Fenoxycarb	99.97	53 - 139	-
Fenpyroximate	99.74	45 - 127	-
Flonicamid	101.18	55 - 145	-
Hexythiazox	113.42	39 - 141	-
Imazalil	99.2	40 - 149	-
Imidacloprid	95.4	54 - 150	-
Kresoxim Methyl	101.4	57 - 139	-
Malathion	99.32	51 - 147	-
Metalaxyl	95.46	58 - 142	-



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431 LCQQQ3 20190318-1	MRLCS03141904C LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	99.84	50 - 150	-
Methomyl	98.72	55 - 150	-
Myclobutanil	100.4	54 - 145	-
Naled	93.5	49 - 146	-
Oxamyl	97.76	56 - 147	-
Paclobutrazol	101.58	56 - 139	-
Permethrin	99.24	30 - 138	-
Phosmet	99.93	57 - 146	-
Piperonyl Butoxide	100.71	48 - 146	-
Prallethrin	99.85	53 - 146	-
Propiconazole	97.21	49 - 129	-
Propoxur	98.72	56 - 150	-
Pyrethrins	95.66	30 - 150	-
Pyridaben	106.69	50 - 132	-
Spinosad	88.94	30 - 150	-
Spiromesifen	109.89	52 - 136	-
Spirotetramat	101.68	46 - 150	-
Spiroxamine	89.26	30 - 150	-
Tebuconazole	94.5	48 - 136	-
Thiacloprid	98.65	47 - 150	-
Thiamethoxam	97.92	57 - 147	-
Trifloxystrobin	101.25	46 - 147	-



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24k

Concentrates & Extracts, Other, Butane

Harvest Process Lot: ; METRC Batch: 1A401030007DCA000023364; METRC Sample: 1A401030007DCA000023371



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
217 GCQQQ2 20190316-2	MRMS03141904C	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Chlorfenapyr	1	20	<20	121.09	62 - 130	
Cyfluthrin	1.12	20	<20	108.47	63 - 128	
Cypermethrin	1.12	20	<20	112.61	58 - 126	
Fipronil	0.82	20	<20	110.8	62 - 134	
Fludioxonil	4.36	20	<20	107.49	62 - 139	
MGK-264	1.5	20	<20	104.68	56 - 150	
Methyl Parathion	1.52	20	<20	114.31	63 - 135	



Oregon Genetics Cannabis

Sample: 1903CH0204.0967

Corvallis, OR 97333
info@oregongeneticscannabis.com
(503) 891-4479
Lic. #030-1005028Bb660

Strain: 24k
Batch#: ; Batch Size: 2540 g
Sample Received: 03/13/2019; Report Created: 03/20/2019; Expires: 03/20/2020
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

24k

Concentrates & Extracts, Other, Butane

Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000023364; METRC Sample: 1A4010300007DCA000023371



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
431 LCQQQ3 20190318-1	MRMS03141904C LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Acephate	4.2	30	<30	98.26	52 - 150	-
Acequinocyl	4.34	30	<30	100.55	30 - 147	-
Acetamiprid	2.65	30	<30	96.92	47 - 148	-
Aldicarb	0.05	30	<30	103.17	48 - 145	-
Abamectin	3.47	30	<30	142.37	41 - 150	-
Azoxystrobin	2.92	30	<30	98.78	50 - 150	-
Bifenazate	3.96	30	<30	97.37	50 - 150	-
Bifenthrin	5.37	30	<30	99.84	46 - 150	-
Boscalid	10.04	30	<30	91.79	50 - 150	-
Carbaryl	1.99	30	<30	100.32	57 - 150	-
Carbofuran	2.34	30	<30	100.72	51 - 150	-
Chlorantraniliprole	2.24	30	<30	103.33	52 - 150	-
Chlorpyrifos	3.89	30	<30	50.93	30 - 150	-
Clofentezine	1.9	30	<30	93.93	53 - 146	-
Daminozide	3.96	30	<30	94.78	30 - 150	-
Diazinon	2.7	30	<30	99.13	41 - 145	-
Dichlorvos	4.57	30	<30	96.41	54 - 141	-
Dimethoate	3.32	30	<30	99.38	49 - 149	-
Ethoprophos	2.13	30	<30	103.87	47 - 146	-
Etofenprox	1.1	30	<30	100.51	38 - 150	-
Etoxazole	4.38	30	<30	73.86	34 - 150	-
Fenoxycarb	2.58	30	<30	100.37	54 - 150	-
Fenpyroximate	3.97	30	<30	110.87	34 - 150	-
Flonicamid	17.37	30	<30	94.85	45 - 143	-
Hexythiazox	1.8	30	<30	55.68	30 - 150	-
Imazalil	7.08	30	<30	102.01	30 - 147	-
Imidacloprid	4.04	30	<30	97.17	43 - 148	-
Kresoxim Methyl	2.96	30	<30	98.13	56 - 144	-
Malathion	3.27	30	<30	101.45	55 - 150	-
Metalaxyl	1.74	30	<30	100.73	50 - 150	-



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Sample Received: 03/13/2019; Report Created: 03/20/2019; Expires: 03/20/2020
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

24k

Concentrates & Extracts, Other, Butane

Harvest Process Lot: ; METRC Batch: 1A401030007DCA000023364; METRC Sample: 1A401030007DCA000023371



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
431 LCQQQ3 20190318-1	MRMS03141904C LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Methiocarb	3.45	30	<30	99.89	50 - 150	-
Methomyl	3.27	30	<30	100.86	42 - 150	-
Myclobutanil	4.65	30	<30	96.62	43 - 150	-
Naled	4.93	30	<30	92.42	46 - 150	-
Oxamyl	3.78	30	<30	100.02	41 - 150	-
Paclobotrazol	1.6	30	<30	100.26	47 - 150	-
Permethrin	4.53	30	<30	44.9	37 - 150	-
Phosmet	1.66	30	<30	103.52	35 - 150	-
Piperonyl Butoxide	2.55	30	<30	86.27	30 - 149	-
Prallethrin	0.85	30	<30	101.56	46 - 150	-
Propiconazole	5.91	30	<30	101.56	40 - 150	-
Propoxur	3.8	30	<30	101.18	53 - 150	-
Pyrethrins	2.47	30	<30	98.03	30 - 150	-
Pyridaben	2.29	30	<30	104.78	41 - 150	-
Spinosad	2.76	30	<30	105.23	30 - 150	-
Spiromesifen	2.03	30	<30	70.8	43 - 150	-
Spirotetramat	6.26	30	<30	100.1	48 - 150	-
Spiroxamine	2.56	30	<30	101.31	30 - 143	-
Tebuconazole	6.27	30	<30	100.93	45 - 150	-
Thiacloprid	2.46	30	<30	99.55	50 - 147	-
Thiamethoxam	3.73	30	<30	100.64	40 - 147	-
Trifloxystrobin	3.73	30	<30	102.4	50 - 150	-



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24k

Concentrates & Extracts, Other, Butane

Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000023364; METRC Sample: 1A4010300007DCA000023371



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
254 GCMS2 20190314-1	RSMB03131903	Required Solvents	Blank

QC Notes

None

Compounds	Method LOQ (PPM)	Blank Result PPM	Notes
Xylenes	30	<LOQ	-
1,4-Dioxane	10	<LOQ	-
2-Butanol	50	<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	500	<LOQ	-
Ethylene Oxide	10	<LOQ	-
Heptane	10	<LOQ	-
Isobutane	50	<LOQ	-
Isopropyl-Acetate	50	<LOQ	-
Isopropyl Alcohol	10	<LOQ	-
Methanol	40	<LOQ	-
Neopentane	10	<LOQ	-
n-Hexane	10	<LOQ	-
Pentane	10	<LOQ	-
Propane	50	<LOQ	-



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Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000023364; METRC Sample: 1A4010300007DCA000023371



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
254 GCMS2 20190314-1	RSMB03131903	Required Solvents	Blank

QC Notes

None

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

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Concentrates & Extracts, Other, Butane

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
254 GCMS2 20190314-1	RSLCS03131903	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Xylenes	106.87	69 - 131	-
1,4-Dioxane	109.4	67 - 133	-
2-Butanol	93.4	70 - 130	-
2-Ethoxy-Ethanol	101.2	70 - 130	-
2-Methyl-Butane	91.2	52 - 148	-
2-Methyl-Pentane	95.6	54 - 146	-
2,2-Dimethyl-Butane	95.2	54 - 146	-
2,3-Dimethyl-Butane	95.6	53 - 147	-
3-Methyl-Pentane	95.4	55 - 145	-
Acetone	100.6	56 - 144	-
Acetonitrile	93.6	60 - 140	-
Benzene	103.82	70 - 130	-
Butane	85.6	42 - 150	-
Cumene	107.4	68 - 132	-
Cyclohexane	100.4	56 - 144	-
Dichloro-Methane	100.8	58 - 142	-
Ethyl-Acetate	98.4	61 - 139	-
Ethyl-Benzene	105.4	61 - 139	-
Ethyl-Ether	90.8	55 - 145	-
Ethylene Glycol	107.6	33 - 150	-
Ethylene Oxide	95.8	65 - 135	-
Heptane	94.6	51 - 149	-
Isobutane	80.6	37 - 150	-
Isopropyl-Acetate	96	61 - 139	-
Isopropyl Alcohol	93.4	70 - 130	-
Methanol	96	56 - 144	-
Neopentane	86.8	42 - 150	-
n-Hexane	96	53 - 147	-
Pentane	92.4	51 - 149	-
Propane	135	30 - 150	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
254 GCMS2 20190314-1	RSLCS03131903	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Tetrahydrofuran	97.6	60 - 140	-
Toluene	108.2	62 - 138	-

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
254 GCMS2 20190314-1	RSMS03131903	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Xylenes	30	<LOQ	<LOQ	76	30 - 142	-
1,4-Dioxane	10	<LOQ	<LOQ	90	53 - 147	-
2-Butanol	50	<LOQ	<LOQ	79	70 - 130	-
2-Ethoxy-Ethanol	10	<LOQ	<LOQ	69	53 - 147	-
2-Methyl-Butane	10	<LOQ	<LOQ	88	34 - 150	-
2-Methyl-Pentane	10	<LOQ	<LOQ	92	45 - 150	-
2,2-Dimethyl-Butane	10	<LOQ	<LOQ	91	44 - 150	-
2,3-Dimethyl-Butane	10	<LOQ	<LOQ	92	45 - 150	-
3-Methyl-Pentane	10	<LOQ	<LOQ	91	45 - 150	-
Acetone	10	<LOQ	<LOQ	99	30 - 150	-
Acetonitrile	40	<LOQ	<LOQ	93	50 - 150	-
Benzene	0.5	<LOQ	<LOQ	96	56 - 144	-
Butane	10	96.3	>30	81	30 - 150	-
Cumene	10	<LOQ	<LOQ	75	30 - 150	-
Cyclohexane	10	<LOQ	<LOQ	94	47 - 150	-
Dichloro-Methane	10	<LOQ	<LOQ	97	49 - 150	-
Ethyl-Acetate	10	<LOQ	<LOQ	93	30 - 150	-
Ethyl-Benzene	10	<LOQ	<LOQ	80	48 - 150	-
Ethyl-Ether	10	<LOQ	<LOQ	86	45 - 150	-
Ethylene Glycol	500	<LOQ	<LOQ	63	30 - 150	-
Ethylene Oxide	10	<LOQ	<LOQ	93	53 - 147	-
Heptane	10	<LOQ	<LOQ	87	44 - 150	-
Isobutane	50	<LOQ	<LOQ	78	30 - 150	-
Isopropyl-Acetate	50	<LOQ	<LOQ	87	49 - 150	-
Isopropyl Alcohol	10	<LOQ	<LOQ	86	70 - 130	-
Methanol	40	<LOQ	<LOQ	91	30 - 150	-
Neopentane	10	<LOQ	<LOQ	83	31 - 150	-
n-Hexane	10	<LOQ	<LOQ	92	43 - 150	-
Pentane	10	<LOQ	<LOQ	89	40 - 150	-
Propane	50	<LOQ	<LOQ	132	30 - 150	-



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Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000023364; METRC Sample: 1A4010300007DCA000023371



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
254 GCMS2 20190314-1	RSMS03131903	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	-