

Oregon Genetics Cannabis

Sample: 1811CH0021.0090

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

Strain: SFV
Batch#: 1; Batch Size: 1868.8 - grams
Sample Received: 11/01/2018; Report Created: 11/06/2018; Expires: 11/06/2019
Harvest/Production Date: 11/01/2018
Sampling: Random; Environment: Room Temp

SFV

Concentrates & Extracts, Hash - Oil, Butane
Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Pass

Pesticides

Pass

Residual Solvents

Cannabinoids

277 HPLC3 20181103-1
11/03/2018

Pass

70.52%

Total THC* (Calculated
Decarboxylated Potential)

0.13%

Total CBD** (Calculated
Decarboxylated Potential)

82.52%

Total Cannabinoids Analyzed

Analyte	LOQ mg/g	Mass %	Mass mg/g
THCa		77.19	771.9
Δ9-THC		2.83	28.3
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		2.03	20.3
CBG		0.24	2.4
CBCa	<LOQ	<LOQ	<LOQ
CBC		0.10	1.0
CBLa	<LOQ	<LOQ	<LOQ
Total		82.52	825.2

*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

177 GCMS2 20181102-1
11/02/2018

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,4-Dioxane	59	380	<LOQ	Pass
2-Butanol	59	5000	<LOQ	Pass
2-Ethoxy-Ethanol	59	160	<LOQ	Pass
Acetone	15	5000	<LOQ	Pass
Acetonitrile	59	410	<LOQ	Pass
Benzene	2	2	<LOQ	Pass
Butanes	59	5000	<LOQ	Pass
Cumene	3	70	<LOQ	Pass
Cyclohexane	3	3880	<LOQ	Pass
Dichloromethane	3	600	<LOQ	Pass
Ethyl-Acetate	15	5000	<LOQ	Pass
Ethyl-Ether	15	5000	<LOQ	Pass
Ethylene Glycol	59	620	<LOQ	Pass
Ethylene Oxide	15	50	<LOQ	Pass
Heptane	15	5000	<LOQ	Pass
Hexanes	15	290	<LOQ	Pass
Isopropanol	59	5000	<LOQ	Pass
Isopropyl-Acetate	59	5000	<LOQ	Pass
Methanol	59	3000	<LOQ	Pass
Pentanes	15		<LOQ	Tested
Propane	59		<LOQ	Tested
Tetrahydrofuran	15		<LOQ	Tested
Toluene	15		<LOQ	Tested
Xylenes	29		<LOQ	Tested

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

288 LCQQQ3 20181104-1

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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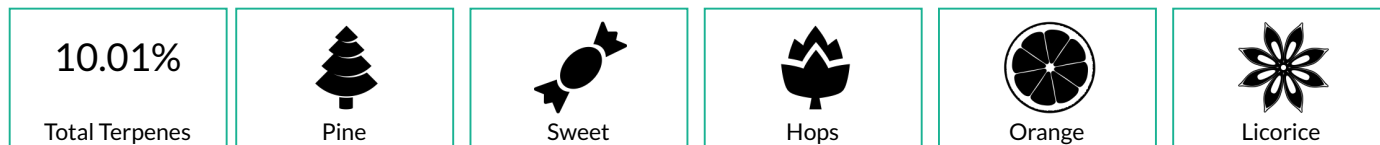


Terpenes

371 GCFID1 20181103-2
11/03/2018

Analyte	Mass %	Mass mg/g	LOQ %	Analyte	Mass %	Mass mg/g	LOQ %
α-Pinene	0.13	1.3	█	Isoborneol	<LOQ	<LOQ	
Camphene	0.05	0.5	█	Borneol	0.02	0.2	█
Sabinene	<LOQ	<LOQ		Hexahydro Thymol	<LOQ	<LOQ	
(-) -β-Pinene	0.18	1.8	█	α-Terpineol	0.15	1.5	█
β-Myrcene	1.12	11.2	█	γ-Terpineol	<LOQ	<LOQ	
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	0.08	0.8	█
δ-Limonene	1.07	10.7	█	α-Cedrene	<LOQ	<LOQ	
Eucalyptol	<LOQ	<LOQ		β-Caryophyllene	1.99	19.9	█
Ocimene 1	<LOQ	<LOQ		α-Humulene	0.62	6.2	█
Ocimene 2	<LOQ	<LOQ		Valencene	0.27	2.7	█
γ-Terpinene	<LOQ	<LOQ		Geranyl Acetate	0.58	5.8	█
Sabinene Hydrate	<LOQ	<LOQ		cis-Nerolidol	1.18	11.8	█
Fenchone	0.06	0.6	█	β-Nerolidol	1.50	15.0	█
Terpinolene	<LOQ	<LOQ		trans-Nerolidol	0.08	0.8	█
Linalool	0.36	3.6	█	Caryophyllene Oxide	0.05	0.5	█
Endo-Fenchyl Alcohol	0.17	1.7	█	(-) -Guaiol	<LOQ	<LOQ	
Camphor	<LOQ	<LOQ		Cedrol	0.04	0.4	█
(-) -Isopulegol	<LOQ	<LOQ		(-) -α-Bisabolol	0.31	3.1	█

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
277 HPLC3 20181103-1	PMB11011801CN	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
277 HPLC3 20181103-1	PLCS11011801CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	21.91	21.09	103.89	70 - 130	-
Δ9-THC	19.94	19.89	100.25	70 - 130	-
CBDa	7.22	6.93	104.18	70 - 130	-
CBD	7.51	7.17	104.74	57 - 143	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
277 HPLC3 20181103-1	PMS11011801CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.1	1.1	<20	90	70 - 130	-
Δ9-THC	0.1	3.47	<20	109	70 - 130	-
CBDa	0.1	0	<20	94	70 - 130	-
CBD	0.1	<LOQ	<LOQ	108	70 - 130	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
288 LCQQQ3 20181104-1	MRMB11011801C 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
288 LCQQQ3 20181104-1	MRMB11011801C 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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348 GCQQQ1 20181103-1	MRGB11011801C GC	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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Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
288 LCQQQ3 20181104-1	MRLCS11011801C LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	98.1	56 - 149	-
Acequinocyl	83.34	30 - 142	-
Acetamiprid	102.8	56 - 149	-
Aldicarb	103.09	53 - 150	-
Abamectin	103.22	30 - 140	-
Azoxystrobin	104.55	55 - 138	-
Bifenazate	107.59	53 - 137	-
Bifenthrin	113	30 - 150	-
Boscalid	107.43	55 - 142	-
Carbaryl	104.1	56 - 150	-
Carbofuran	103.49	57 - 142	-
Chlorantraniliprole	103.12	54 - 141	-
Chlorpyrifos	110.76	34 - 150	-
Clofentezine	113.72	44 - 150	-
Daminozide	84.24	30 - 150	-
Diazinon	103.91	55 - 134	-
Dichlorvos	100.69	49 - 149	-
Dimethoate	104.95	56 - 149	-
Ethoprophos	101.74	52 - 143	-
Etofenprox	107.19	46 - 140	-
Etoxazole	99.81	50 - 134	-
Fenoxycarb	107.26	53 - 139	-
Fenproximate	98.67	45 - 127	-
Flonicamid	103.82	55 - 145	-
Hexythiazox	112.48	39 - 141	-
Imazalil	98.49	40 - 149	-
Imidacloprid	102.45	54 - 150	-
Kresoxim Methyl	106.53	57 - 139	-
Malathion	104.19	51 - 147	-
Metalaxyl	101.81	58 - 142	-



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288 LCQQQ3 20181104-1	MRLCS11011801C LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	104.57	50 - 150	-
Methomyl	103.66	55 - 150	-
Myclobutanil	102.61	54 - 145	-
Naled	103.53	49 - 146	-
Oxamyl	103.23	56 - 147	-
Paclobutrazol	104.33	56 - 139	-
Permethrin	116.43	30 - 138	-
Phosmet	102.74	57 - 146	-
Piperonyl Butoxide	101.96	48 - 146	-
Prallethrin	114.66	53 - 146	-
Propiconazole	109.48	49 - 129	-
Propoxur	103.92	56 - 150	-
Pyrethrins	111.4	30 - 150	-
Pyridaben	101.18	50 - 132	-
Spinosad	82.06	30 - 150	-
Spiromesifen	103.89	52 - 136	-
Spirotetramat	95.67	46 - 150	-
Spiroxamine	73.07	30 - 150	-
Tebuconazole	108.44	48 - 136	-
Thiacloprid	105.03	47 - 150	-
Thiamethoxam	103.19	57 - 147	-
Trifloxystrobin	106.78	46 - 147	-



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None

Compounds	LCS % Rec	% Limits	Notes
Chlorfenapyr	118	69 - 132	-
Cyfluthrin	112	68 - 136	-
Cypermethrin	111	67 - 134	-
Fipronil	118	67 - 136	-
Fludioxonil	104	69 - 139	-
MGK-264	120	65 - 145	-
Parathion Methyl	110	66 - 131	-



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Strain: SFV
Batch#: 1; Batch Size: 1868.8 - grams
Sample Received: 11/01/2018; Report Created: 11/06/2018; Expires: 11/06/2019
Harvest/Production Date: 11/01/2018
Sampling: Random; Environment: Room Temp

SFV

Concentrates & Extracts, Hash - Oil, Butane
Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
288 LCQQQ3 20181104-1	MRMS11011801C LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Acephate	0.44	30	<30	80.74	52 - 150	-
Acequinocyl	1.56	30	<30	56.17	30 - 147	-
Acetamiprid	1.64	30	<30	83.17	47 - 148	-
Aldicarb	2.97	30	<30	88.48	48 - 145	-
Abamectin	2.49	30	<30	110.04	41 - 150	-
Azoxystrobin	1.48	30	<30	89.82	50 - 150	-
Bifenazate	0.92	30	<30	59.33	50 - 150	-
Bifenthrin	3.71	30	<30	91.34	46 - 150	-
Boscalid	3.02	30	<30	79.83	50 - 150	-
Carbaryl	4.37	30	<30	86.3	57 - 150	-
Carbofuran	0.54	30	<30	87.33	51 - 150	-
Chlorantraniliprole	0.83	30	<30	80.15	52 - 150	-
Chlorpyrifos	1.39	30	<30	96.21	30 - 150	-
Clofentezine	1.15	30	<30	157.91	53 - 146	Above Limit Range
Daminozide	3.6	30	<30	40.97	30 - 150	-
Diazinon	1.59	30	<30	75.48	41 - 145	-
Dichlorvos	0.28	30	<30	85.51	54 - 141	-
Dimethoate	0.47	30	<30	86.82	49 - 149	-
Ethoprophos	2.07	30	<30	88.31	47 - 146	-
Etofenprox	2.05	30	<30	88.65	38 - 150	-
Etoxazole	4.18	30	<30	31.4	34 - 150	Below Limit Range
Fenoxycarb	1.1	30	<30	96.74	54 - 150	-
Fenproximate	3.07	30	<30	95.1	34 - 150	-
Flonicamid	7.28	30	<30	78.5	45 - 143	-
Hexythiazox	1.59	30	<30	112.76	30 - 150	-
Imazalil	11.37	30	<30	17.2	30 - 147	Below Limit Range
Imidacloprid	0.49	30	<30	75.39	43 - 148	-
Kresoxim Methyl	2.06	30	<30	105.14	56 - 144	-
Malathion	0.57	30	<30	77.87	55 - 150	-
Metalaxyl	0.97	30	<30	84.6	50 - 150	-



Oregon Genetics Cannabis

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Strain: SFV
Batch#: 1; Batch Size: 1868.8 - grams
Sample Received: 11/01/2018; Report Created: 11/06/2018; Expires: 11/06/2019
Harvest/Production Date: 11/01/2018
Sampling: Random; Environment: Room Temp

SFV

Concentrates & Extracts, Hash - Oil, Butane
Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
288 LCQQQ3 20181104-1	MRMS11011801C LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Methiocarb	2.87	30	<30	87.71	50 - 150	-
Methomyl	0.74	30	<30	87.84	42 - 150	-
Myclobutanil	0.82	30	<30	55.85	43 - 150	-
Naled	0.44	30	<30	90.05	46 - 150	-
Oxamyl	0.36	30	<30	88.08	41 - 150	-
Paclobutrazol	2.56	30	<30	71	47 - 150	-
Permethrin	1.49	30	<30	47.96	37 - 150	-
Phosmet	0.83	30	<30	90.33	35 - 150	-
Piperonyl Butoxide	0.57	30	<30	79.13	30 - 149	-
Prallethrin	0.88	30	<30	143.4	46 - 150	-
Propiconazole	1.04	30	<30	99.71	40 - 150	-
Propoxur	3.7	30	<30	88.58	53 - 150	-
Pyrethrins	2.84	30	<30	101.9	30 - 150	-
Pyridaben	0.96	30	<30	97.21	41 - 150	-
Spinosad	14.83	30	<30	13.61	30 - 150	Below Limit Range
Spiromesifen	3.46	30	<30	85.95	43 - 150	-
Spirotetramat	0.9	30	<30	57.01	48 - 150	-
Spiroxamine	10.06	30	<30	8.97	30 - 143	Below Limit Range
Tebuconazole	2.39	30	<30	88	45 - 150	-
Thiacloprid	1.27	30	<30	83.48	50 - 147	-
Thiamethoxam	0.56	30	<30	84.31	40 - 147	-
Trifloxystrobin	0.87	30	<30	114.12	50 - 150	-



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SFV

Concentrates & Extracts, Hash - Oil, Butane
Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
348 GCQQQ1 20181103-1	MRMS11011801C GC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Chlorfenapyr	15.97	20	<20	132.54	62 - 130	Above Limit Range
Cyfluthrin	3.1	20	<20	108.58	63 - 128	
Cypermethrin	1.26	20	<20	112.28	58 - 126	
Fipronil	0.3	20	<20	137.61	62 - 134	Above Limit Range
Fludioxonil	11.31	20	<20	122.88	62 - 139	
MGK-264	2.96	20	<20	136.26	56 - 150	
Methyl Parathion	0.63	20	<20	121.59	63 - 135	



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SFV

Concentrates & Extracts, Hash - Oil, Butane
Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
177 GCMS2 20181102-1	RSMB11011801	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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SFV

Concentrates & Extracts, Hash - Oil, Butane
Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
177 GCMS2 20181102-1	RSMB11011801	Required Solvents	Blank

QC Notes

None

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



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Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
177 GCMS2 20181102-1	RSLCS11011801	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Xylenes	63.47	69 - 131	Below Limit Range
1,4-Dioxane	66	67 - 133	Below Limit Range
2-Butanol	75.4	70 - 130	-
2-Ethoxy-Ethanol	60.4	70 - 130	Below Limit Range
2-Methyl-Butane	89.4	52 - 148	-
2-Methyl-Pentane	90.2	54 - 146	-
2,2-Dimethyl-Butane	88.6	54 - 146	-
2,3-Dimethyl-Butane	90.2	53 - 147	-
3-Methyl-Pentane	88.8	55 - 145	-
Acetone	89.4	56 - 144	-
Acetonitrile	84.8	60 - 140	-
Benzene	80.2	70 - 130	-
Butane	90.4	42 - 150	-
Cumene	60.8	68 - 132	Below Limit Range
Cyclohexane	87.4	56 - 144	-
Dichloro-Methane	85.6	58 - 142	-
Ethyl-Acetate	80.2	61 - 139	-
Ethyl-Benzene	64.8	61 - 139	-
Ethyl-Ether	89.4	55 - 145	-
Ethylene Glycol	36	33 - 150	-
Ethylene Oxide	86.8	65 - 135	-
Heptane	84.4	51 - 149	-
Isobutane	91.2	37 - 150	-
Isopropyl-Acetate	79.6	61 - 139	-
Isopropyl Alcohol	85	70 - 130	-
Methanol	87.8	56 - 144	-
Neopentane	91.8	42 - 150	-
n-Hexane	89	53 - 147	-
Pentane	89.2	51 - 149	-
Propane	87.8	30 - 150	-

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Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
177 GCMS2 20181102-1	RSLCS11011801	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Tetrahydrofuran	83.2	60 - 140	-
Toluene	71.6	62 - 138	-



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
177 GCMS2 20181102-1	RSMS11011801	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Xylenes	30	<LOQ	<LOQ	57	30 - 142	-
1,4-Dioxane	10	<LOQ	<LOQ	62	53 - 147	-
2-Butanol	50	<LOQ	<LOQ	71	70 - 130	-
2-Ethoxy-Ethanol	10	<LOQ	<LOQ	55	53 - 147	-
2-Methyl-Butane	10	<LOQ	<LOQ	85	34 - 150	-
2-Methyl-Pentane	10	<LOQ	<LOQ	85	45 - 150	-
2,2-Dimethyl-Butane	10	<LOQ	<LOQ	84	44 - 150	-
2,3-Dimethyl-Butane	10	<LOQ	<LOQ	85	45 - 150	-
3-Methyl-Pentane	10	<LOQ	<LOQ	84	45 - 150	-
Acetone	10	<LOQ	<LOQ	88	30 - 150	-
Acetonitrile	40	<LOQ	<LOQ	88	50 - 150	-
Benzene	0.5	<LOQ	<LOQ	78	56 - 144	-
Butane	10	40	>30	85	30 - 150	-
Cumene	10	<LOQ	<LOQ	54	30 - 150	-
Cyclohexane	10	<LOQ	<LOQ	81	47 - 150	-
Dichloro-Methane	10	<LOQ	<LOQ	85	49 - 150	-
Ethyl-Acetate	10	<LOQ	<LOQ	80	30 - 150	-
Ethyl-Benzene	10	<LOQ	<LOQ	59	48 - 150	-
Ethyl-Ether	10	<LOQ	<LOQ	84	45 - 150	-
Ethylene Glycol	500	<LOQ	<LOQ	47	30 - 150	-
Ethylene Oxide	10	<LOQ	<LOQ	84	53 - 147	-
Heptane	10	<LOQ	<LOQ	77	44 - 150	-
Isobutane	50	<LOQ	<LOQ	86	30 - 150	-
Isopropyl-Acetate	50	<LOQ	<LOQ	78	49 - 150	-
Isopropyl Alcohol	10	<LOQ	<LOQ	81	70 - 130	-
Methanol	40	<LOQ	<LOQ	83	30 - 150	-
Neopentane	10	<LOQ	<LOQ	87	31 - 150	-
n-Hexane	10	<LOQ	<LOQ	84	43 - 150	-
Pentane	10	<LOQ	<LOQ	85	40 - 150	-
Propane	50	<LOQ	<LOQ	83	30 - 150	-



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Harvest Process Lot: SFV; METRC Batch: 1A4010300007DCA000017782; METRC Sample: 1A4010300007DCA000017804



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
177 GCMS2 20181102-1	RSMS11011801	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Tetrahydrofuran	10	<LOQ	<LOQ	75	49 - 150	-
Toluene	10	<LOQ	<LOQ	67	49 - 150	-

