

Certificate of Analysis

Oregon Genetics Cannabis

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

Sample: 1810CH0048.0148

Strain: Sour Diesel X Cookies
Batch#: ; Batch Size: 2285 - grams
Sample Received: 10/02/2018; Report Created: 10/08/2018; Expires: 10/08/2019
Harvest/Production Date: 10/01/2018
Sampling: Random; Environment: Room Temp

Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Pass

Pesticides

Pass

Residual Solvents

Cannabinoids

253 HPLC3 20181005-3
10/05/2018

Pass

73.36%

Total THC* (Calculated
Decarboxylated Potential)

0.23%

Total CBD** (Calculated
Decarboxylated Potential)

84.70%

Total Cannabinoids Analyzed

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.2	78.43	784.3
Δ9-THC	0.2	4.58	45.8
Δ8-THC	0.2	<LOQ	<LOQ
THCVa	0.2	<LOQ	<LOQ
THCV	0.2	<LOQ	<LOQ
CBDa	0.2	0.27	2.7
CBD	0.2	<LOQ	<LOQ
CBDV	0.2	<LOQ	<LOQ
CBNa	0.2	<LOQ	<LOQ
CBN	0.2	0.28	2.8
CBGa	0.2	1.05	10.5
CBG	0.2	0.10	1.0
CBCa	0.2	<LOQ	<LOQ
CBC	0.2	<LOQ	<LOQ
CBLa	0.2	<LOQ	<LOQ
Total		84.70	847.0

*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

156 GCMS2 20181003-1
10/03/2018

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	687	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		30	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

260 LCQQQ3 20181003-1

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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Informational Use Only - Not For Regulatory Use

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Terpenes

348 GCFID1 20181005-1
10/05/2018

Analyte	Mass %	Mass mg/g	LOQ %
α-Pinene	0.10	1.0	
Camphene	0.04	0.4	
Sabinene	<LOQ	<LOQ	
(-) -β-Pinene	0.11	1.1	
β-Myrcene	0.86	8.6	
α-Phellandrene	<LOQ	<LOQ	
δ-3-Carene	<LOQ	<LOQ	
α-Terpinene	<LOQ	<LOQ	
p-Isopropyltoluene	<LOQ	<LOQ	
δ-Limonene	0.67	6.7	
Eucalyptol	<LOQ	<LOQ	
Ocimene 1	<LOQ	<LOQ	
Ocimene 2	<LOQ	<LOQ	
γ-Terpinene	<LOQ	<LOQ	
Sabinene Hydrate	<LOQ	<LOQ	
Fenchone	<LOQ	<LOQ	
Terpinolene	<LOQ	<LOQ	
Linalool	0.19	1.9	
Endo-Fenchyl Alcohol	0.12	1.2	
Camphor	<LOQ	<LOQ	
(-) -Isopulegol	<LOQ	<LOQ	

Analyte	Mass %	Mass mg/g	LOQ %
Isoborneol	<LOQ	<LOQ	
Borneol	<LOQ	<LOQ	
Hexahydro Thymol	<LOQ	<LOQ	
α-Terpineol	0.05	0.5	
γ-Terpineol	<LOQ	<LOQ	
Nerol	<LOQ	<LOQ	
Pulegone	<LOQ	<LOQ	
Geraniol	<LOQ	<LOQ	
Farnesene	0.11	1.1	
α-Cedrene	0.04	0.4	
β-Caryophyllene	1.70	17.0	
α-Humulene	0.66	6.6	
Valencene	0.27	2.7	
Geranyl Acetate	1.03	10.3	
cis-Nerolidol	2.26	22.6	
β-Nerolidol	0.53	5.3	
trans-Nerolidol	0.29	2.9	
Caryophyllene Oxide	0.08	0.8	
(-) -Guaio	<LOQ	<LOQ	
Cedrol	<LOQ	<LOQ	
(-) -α-Bisabolol	0.27	2.7	

Primary Aromas

9.38%					
Total Terpenes	Pine	Sweet	Hops	Orange	Lavender

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
253 HPLC3 20181005-3	PMB10021801CN	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
253 HPLC3 20181005-3	PLCS10021801CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	22.05	21.09	104.55	70 - 130	-
Δ9-THC	20.13	19.89	101.21	70 - 130	-
CBDa	6.98	6.93	100.72	70 - 130	-
CBD	7.67	7.17	106.97	57 - 143	-

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
253 HPLC3 20181005-3	PMS10021801CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.1	3.15	<20	144	70 - 130	Above Limit Range
Δ9-THC	0.1	4.57	<20	105	70 - 130	-
CBDa	0.1	3.28	<20	95	70 - 130	-
CBD	0.1	<LOQ	<LOQ	109	70 - 130	-

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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
260 LCQQQ3 20181003-1	MRMB10021801C 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	
Etiozole	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
260 LCQQQ3 20181003-1	MRMB10021801C 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
332 GCQQQ1 20181003-3	MRMB10021801C 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
260 LCQQQ3 20181003-1	MRLCS10021801C LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Acephate	91.21	56 - 149	-
Acequinocyl	77.57	30 - 142	-
Acetamiprid	92.5	56 - 149	-
Aldicarb	92.43	53 - 150	-
Abamectin	90.64	30 - 140	-
Azoxystrobin	93.15	55 - 138	-
Bifenazate	92.66	53 - 137	-
Bifenthrin	91.06	30 - 150	-
Boscalid	87.65	55 - 142	-
Carbaryl	94.03	56 - 150	-
Carbofuran	93.79	57 - 142	-
Chlorantraniliprole	81.5	54 - 141	-
Chlorpyrifos	91.67	34 - 150	-
Clofentezine	95.63	44 - 150	-
Daminozide	300.8	30 - 150	Above Limit Range
Diazinon	88.02	55 - 134	-
Dichlorvos	90.16	49 - 149	-
Dimethoate	92.44	56 - 149	-
Ethoprophos	88.68	52 - 143	-
Etofenprox	88.02	46 - 140	-
Etiozole	87.86	50 - 134	-
Fenoxycarb	94.05	53 - 139	-
Fenpyroximate	85.59	45 - 127	-
Flonicamid	93.11	55 - 145	-
Hexythiazox	90.77	39 - 141	-
Imazalil	88.22	40 - 149	-
Imidacloprid	94.65	54 - 150	-
Kresoxim Methyl	95.2	57 - 139	-
Malathion	92.28	51 - 147	-
Metalaxyl	90.2	58 - 142	-



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260 LCQQQ3 20181003-1	MRLCS10021801C LC	Required Pesticides	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	LCS % Limits	Notes
Methiocarb	93.36	50 - 150	-
Methomyl	94.47	55 - 150	-
Myclobutanil	90.66	54 - 145	-
Naled	90.59	49 - 146	-
Oxamyl	94.92	56 - 147	-
Paclobutrazol	90.34	56 - 139	-
Permethrin	93.31	30 - 138	-
Phosmet	89.9	57 - 146	-
Piperonyl Butoxide	90.4	48 - 146	-
Prallethrin	90.15	53 - 146	-
Propiconazole	88.69	49 - 129	-
Propoxur	93.94	56 - 150	-
Pyrethrins	90.93	30 - 150	-
Pyridaben	88.68	50 - 132	-
Spinosad	75.68	30 - 150	-
Spiromesifen	99.9	52 - 136	-
Spirotetramat	86.5	46 - 150	-
Spiroxamine	74.66	30 - 150	-
Tebuconazole	90.58	48 - 136	-
Thiacloprid	94.65	47 - 150	-
Thiamethoxam	92.63	57 - 147	-
Trifloxystrobin	92.52	46 - 147	-



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332 GCQQQ1 20181003-3	MRLCS10021801C GC	Required Pesticides	Lab Control Sample

QC Notes
None

Compounds	LCS % Rec	% Limits	Notes
Chlorfenapyr	92	69 - 132	-
Cyfluthrin	85	68 - 136	-
Cypermethrin	85	67 - 134	-
Fipronil	93	67 - 136	-
Fludioxonil	94	69 - 139	-
MGK-264	95	65 - 145	-
Parathion Methyl	101	66 - 131	-



Certificate of Analysis

Oregon Genetics Cannabis

Sample: 1810CH0048.0148

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

Strain: Sour Diesel X Cookies
Batch#: ; Batch Size: 2285 - grams
Sample Received: 10/02/2018; Report Created: 10/08/2018; Expires: 10/08/2019
Harvest/Production Date: 10/01/2018
Sampling: Random; Environment: Room Temp

Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
260 LCQQQ3 20181003-1	MRMS10021801C LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Acephate	4.1	30	<30	82.84	52 - 150	-
Acequinocyl	1.8	30	<30	52.22	30 - 147	-
Acetamiprid	2.82	30	<30	81.92	47 - 148	-
Aldicarb	1.95	30	<30	87.41	48 - 145	-
Abamectin	7.15	30	<30	88.61	41 - 150	-
Azoxystrobin	1.16	30	<30	89.68	50 - 150	-
Bifenazate	3.92	30	<30	84.68	50 - 150	-
Bifenthrin	1	30	<30	67.8	46 - 150	-
Boscalid	4.06	30	<30	75.8	50 - 150	-
Carbaryl	2.88	30	<30	86.5	57 - 150	-
Carbofuran	0.33	30	<30	90.34	51 - 150	-
Chlorantraniliprole	5.07	30	<30	68.18	52 - 150	-
Chlorpyrifos	3.12	30	<30	71.2	30 - 150	-
Clofentezine	1.55	30	<30	117.09	53 - 146	-
Daminozide	16.21	30	<30	197.16	30 - 150	Above Limit Range
Diazinon	10.79	30	<30	82.5	41 - 145	-
Dichlorvos	1.87	30	<30	86.03	54 - 141	-
Dimethoate	3.66	30	<30	79.87	49 - 149	-
Ethoprophos	3.75	30	<30	88.19	47 - 146	-
Etofenprox	1.65	30	<30	75.74	38 - 150	-
Ettoxazole	29.98	30	<30	39.92	34 - 150	-
Fenoxycarb	2.24	30	<30	94.38	54 - 150	-
Fenpyroximate	4.66	30	<30	82.56	34 - 150	-
Flonicamid	2.39	30	<30	86.39	45 - 143	-
Hexythiazox	3.5	30	<30	71.76	30 - 150	-
Imazalil	18.17	30	<30	21.81	30 - 147	Below Limit Range
Imidacloprid	0.91	30	<30	75.81	43 - 148	-
Kresoxim Methyl	0.21	30	<30	101.61	56 - 144	-
Malathion	3.41	30	<30	84.2	55 - 150	-
Metalaxyl	5.21	30	<30	83.12	50 - 150	-



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Batch#: ; Batch Size: 2285 - grams
Sample Received: 10/02/2018; Report Created: 10/08/2018; Expires: 10/08/2019
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Sampling: Random; Environment: Room Temp

Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
260 LCQQQ3 20181003-1	MRMS10021801C LC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Methiocarb	1.56	30	<30	91.54	50 - 150	-
Methomyl	1.2	30	<30	90.38	42 - 150	-
Myclobutanil	6.96	30	<30	76.24	43 - 150	-
Naled	5.73	30	<30	85.05	46 - 150	-
Oxamyl	2.11	30	<30	90.37	41 - 150	-
Paclobutrazol	10.54	30	<30	78.46	47 - 150	-
Permethrin	9.98	30	<30	55.23	37 - 150	-
Phosmet	0.56	30	<30	84.34	35 - 150	-
Piperonyl Butoxide	6.79	30	<30	69.14	30 - 149	-
Prallethrin	2.32	30	<30	102.87	46 - 150	-
Propiconazole	13.9	30	<30	85.3	40 - 150	-
Propoxur	0.79	30	<30	89.78	53 - 150	-
Pyrethrins	4.38	30	<30	78.64	30 - 150	-
Pyridaben	1.76	30	<30	82.77	41 - 150	-
Spinosad	65.39	30	>30	14.78	30 - 150	Below Limit Range
Spiromesifen	1.65	30	<30	75.88	43 - 150	-
Spirotetramat	4.18	30	<30	62.73	48 - 150	-
Spiroxamine	43.2	30	>30	14.9	30 - 143	Below Limit Range
Tebuconazole	17.48	30	<30	77.49	45 - 150	-
Thiacloprid	1.29	30	<30	86.53	50 - 147	-
Thiamethoxam	1.8	30	<30	84.82	40 - 147	-
Trifloxystrobin	0.64	30	<30	104.66	50 - 150	-



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Strain: Sour Diesel X Cookies
Batch#: ; Batch Size: 2285 - grams
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Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
332 GCQQQ1 20181003-3	MRMS10021801C GC	Required Pesticides	Spike

QC Notes

None

Compounds	Matrix Spike Duplicate % RPD	RPD Max %	% RPD Result	Matrix Spike % Rec	% Limits	Notes
Chlorfenapyr	4.66	20	<20	93.81	62 - 130	
Cyfluthrin	9.46	20	<20	91.67	63 - 128	
Cypermethrin	7.17	20	<20	94.16	58 - 126	
Fipronil	22.95	20	>20	106.42	62 - 134	
Fludioxonil	1.67	20	<20	95.23	62 - 139	
MGK-264	19.01	20	<20	103.98	56 - 150	
Methyl Parathion	0.97	20	<20	102.3	63 - 135	



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Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
156 GCMS2 20181003-1	RSMB10021801	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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Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
156 GCMS2 20181003-1	RSMB10021801	Required Solvents	Blank

QC Notes

None

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



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Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
156 GCMS2 20181003-1	RSLCS10021801	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Xylenes	81.93	69 - 131	-
1,4-Dioxane	87.6	67 - 133	-
2-Butanol	98.6	70 - 130	-
2-Ethoxy-Ethanol	88.8	70 - 130	-
2-Methyl-Butane	103.8	52 - 148	-
2-Methyl-Pentane	108.4	54 - 146	-
2,2-Dimethyl-Butane	105.6	54 - 146	-
2,3-Dimethyl-Butane	108.2	53 - 147	-
3-Methyl-Pentane	108.2	55 - 145	-
Acetone	107.6	56 - 144	-
Acetonitrile	105.8	60 - 140	-
Benzene	101	70 - 130	-
Butane	106	42 - 150	-
Cumene	78.6	68 - 132	-
Cyclohexane	108	56 - 144	-
Dichloro-Methane	107.4	58 - 142	-
Ethyl-Acetate	99.8	61 - 139	-
Ethyl-Benzene	83.4	61 - 139	-
Ethyl-Ether	110.6	55 - 145	-
Ethylene Glycol	55.6	33 - 150	-
Ethylene Oxide	113.8	65 - 135	-
Heptane	103.4	51 - 149	-
Isobutane	112.6	37 - 150	-
Isopropyl-Acetate	98.6	61 - 139	-
Isopropyl Alcohol	108.8	70 - 130	-
Methanol	114.4	56 - 144	-
Neopentane	112.8	42 - 150	-
n-Hexane	108	53 - 147	-
Pentane	105.6	51 - 149	-
Propane	99	30 - 150	-



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Sour Diesel X Cookies

Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
156 GCMS2 20181003-1	RSLCS10021801	Required Solvents	Lab Control Sample

QC Notes

None

Compounds	LCS % Rec	% Limits	Notes
Tetrahydrofuran	104.4	60 - 140	-
Toluene	91.2	62 - 138	-



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Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
156 GCMS2 20181003-1	RSMS10021801	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Xylenes	30	<LOQ	<LOQ	79	30 - 142	-
1,4-Dioxane	10	<LOQ	<LOQ	82	53 - 147	-
2-Butanol	50	<LOQ	<LOQ	97	70 - 130	-
2-Ethoxy-Ethanol	10	<LOQ	<LOQ	85	53 - 147	-
2-Methyl-Butane	10	<LOQ	<LOQ	100	34 - 150	-
2-Methyl-Pentane	10	<LOQ	<LOQ	105	45 - 150	-
2,2-Dimethyl-Butane	10	<LOQ	<LOQ	102	44 - 150	-
2,3-Dimethyl-Butane	10	<LOQ	<LOQ	105	45 - 150	-
3-Methyl-Pentane	10	<LOQ	<LOQ	105	45 - 150	-
Acetone	10	<LOQ	<LOQ	106	30 - 150	-
Acetonitrile	40	<LOQ	<LOQ	108	50 - 150	-
Benzene	0.5	<LOQ	<LOQ	102	56 - 144	-
Butane	10	<LOQ	<LOQ	104	30 - 150	-
Cumene	10	<LOQ	<LOQ	76	30 - 150	-
Cyclohexane	10	<LOQ	<LOQ	104	47 - 150	-
Dichloro-Methane	10	<LOQ	<LOQ	109	49 - 150	-
Ethyl-Acetate	10	1.91	<30	101	30 - 150	-
Ethyl-Benzene	10	<LOQ	<LOQ	82	48 - 150	-
Ethyl-Ether	10	<LOQ	<LOQ	92	45 - 150	-
Ethylene Glycol	500	<LOQ	<LOQ	88	30 - 150	-
Ethylene Oxide	10	<LOQ	<LOQ	110	53 - 147	-
Heptane	10	<LOQ	<LOQ	98	44 - 150	-
Isobutane	50	<LOQ	<LOQ	107	30 - 150	-
Isopropyl-Acetate	50	<LOQ	<LOQ	93	49 - 150	-
Isopropyl Alcohol	10	<LOQ	<LOQ	107	70 - 130	-
Methanol	40	<LOQ	<LOQ	109	30 - 150	-
Neopentane	10	<LOQ	<LOQ	108	31 - 150	-
n-Hexane	10	<LOQ	<LOQ	104	43 - 150	-
Pentane	10	<LOQ	<LOQ	102	40 - 150	-
Propane	50	<LOQ	<LOQ	93	30 - 150	-

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Concentrates & Extracts, Other, Butane
Harvest Process Lot: ; METRC Batch: 1A4010300007DCA000015962; METRC Sample: 1A4010300007DCA000015966



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
156 GCMS2 20181003-1	RSMS10021801	Required Solvents	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
Tetrahydrofuran	10	<LOQ	<LOQ	94	49 - 150	-
Toluene	10	<LOQ	<LOQ	91	49 - 150	-

