



Date Released: 8/28/2023 7:56:51PM

Report #: 2804

Trainwreck

Sample #: 2250, Weight: 25.50g, Unit Count:

Order #: X230822-0003

Category/Type: Concentrates & Extract, Concentrate

Date Collected: 8/22/2023 4:29:14PM

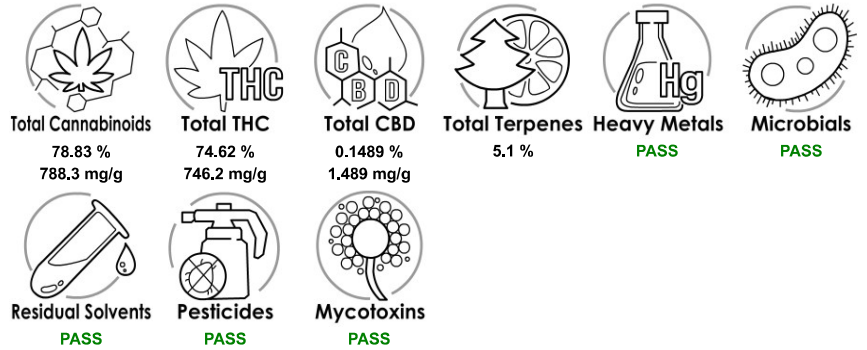
Date Received: 8/22/2023 4:32:06PM

Regulator Sample ID: Lot 079-034D

Regulator Source Package ID: Lot 079-034D

Regulator Batch ID: Lot 079-034D

Size: 1060Units, Unit Count:



Potency Analysis by HPLC

Total Cannabinoids: **78.83 % - 788.3 mg/g**
 Total THC: **74.62 % - 746.2 mg/g**
 Total CBD: **0.1489 % - 1.489 mg/g**

Date Completed: 08/24/2023 10:40AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
d9-THC	1972-08-3	0.001000	73.71	737.1	<div style="width: 73.71%;"></div>
CBG	25654-31-3	0.001000	2.310	23.10	<div style="width: 2.31%;"></div>
THCa	23978-85-0	0.001000	1.040	10.40	<div style="width: 1.04%;"></div>
CBN	521-35-7	0.001000	1.009	10.09	<div style="width: 1.009%;"></div>
THCV	31262-37-0	0.001000	0.4281	4.281	<div style="width: 0.4281%;"></div>
CBGa	25555-57-1	0.001000	0.1861	1.861	<div style="width: 0.1861%;"></div>
CBD	13956-29-1	0.001000	0.1489	1.489	<div style="width: 0.1489%;"></div>
d8-THC	5957-75-5	0.001000	ND	ND	
d10-THC	95543-62-7	0.001000	ND	ND	
CBDa	1244-58-2	0.001000	ND	ND	
CBDV	24274-48-4	0.001000	ND	ND	
CBC	20675-51-8	0.001000	ND	ND	

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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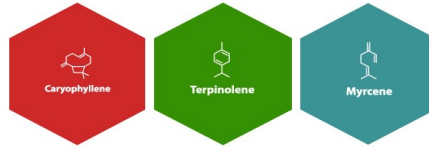


Sample #: 2250

Trainwreck

Terpenes by HS-GC-MS

Date Completed: 08/25/2023 12:47PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.1000	0.7800	
Terpinolene	586-62-9	0.1000	0.7504	
alpha-Farnesene	502-61-4	0.1000	0.7084	
beta-Myrcene	123-35-3	0.1000	0.7065	
R(+)-Limonene	5989-27-5	0.1000	0.4071	
beta-Farnesene	18794-84-8	0.1000	0.3974	
cis-Ocimene	3338-55-4	0.1000	0.3260	
alpha-Humulene	6753-98-6	0.1000	0.1972	
alpha-Pinene	80-56-8	0.1000	0.1971	
Linalool	78-70-6	0.1000	0.1878	
beta-Pinene	127-91-3	0.1000	0.1812	
Valencene	4630-07-3	0.1000	0.1713	
alpha-Terpineol	98-55-5	0.1000	0.1126	
(-)-Borneol	464-45-9	0.1000	ND	
(-)-Caryophyllene Oxide	1139-30-6	0.1000	ND	
(-)-Isopulegol	89-79-2	0.1000	ND	
(+)-Borneol	464-43-7	0.1000	ND	
(+)-Cedrol	77-53-2	0.1000	ND	
(1R)-(+)-Camphor	464-49-3	0.1000	ND	
3-Carene	13466-78-9	0.1000	ND	
alpha-Bisabolol	515-69-5	0.1000	ND	
alpha-Cedrene	469-61-4	0.1000	ND	

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Sample #: 2250

Trainwreck

Compound	CAS#	LOQ (%)	%	Relative Concentration
alpha-Terpinene	99-86-5	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
cis-Nerolidol	142-50-7	0.1000	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.1000	ND	
Eucalyptol	470-82-6	0.1000	ND	
Fenchone	1195-79-5	0.1000	ND	
gamma-Terpinene	99-85-4	0.1000	ND	
gamma-Terpineol	586-81-2	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Geranyl Acetate	105-87-3	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Hexahydro Thymol	15356-70-4	0.1000	ND	
Nerol	106-25-2	0.1000	ND	
p-Mentha-1,5-diene	99-83-2	0.1000	ND	
Pulegone	89-82-7	0.1000	ND	
Sabinene	3387-41-5	0.1000	ND	
Sabinene Hydrate	546-79-2	0.1000	ND	
trans-Nerolidol	40716-66-3	0.1000	ND	
trans-Ocimene	3779-61-1	0.1000	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:31 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass

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Sample #: 2250

Trainwreck

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:31 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Captan	0.0100	1	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlordane-alpha	0.0100	1	ND	Pass
Chlorfenapyr	0.0100	1	ND	Pass
Chlormequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoxazole	0.0100	0.2	ND	Pass

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Sample #: 2250

Trainwreck

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:31 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass
MGK-264	0.0100	0.2	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Pentachloronitrobenzene	0.0100	1	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass

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Sample #: 2250

Trainwreck

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:31 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 08/24/2023 1:18 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	10.00	5	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	Pass

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Sample #: 2250

Trainwreck

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 08/24/2023 1:18 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed.

Mycotoxins by LCMSMS

Pass

Analysis Date: 08/24/2023 1:30 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS

Pass

Analysis Date: 08/24/2023 11:25 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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Sample #: 2250

Trainwreck

Heavy Metals by ICPMS

Pass

Analysis Date: 08/24/2023 11:25 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2	0.0417	Pass
Arsenic	0.00100	0.2	0.00286	Pass
Cadmium	0.00150	0.3	0.00482	Pass
Chromium	0.280	110	0.655	Pass
Copper	0.0750	30	0.132	Pass
Lead	0.00250	0.5	0.0107	Pass
Mercury	0.000500	0.1	ND	Pass
Nickel	0.0100	2	0.0348	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Analysis Date: 08/25/2023 12:54 pm

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
Total Aerobic Bacteria	10	10000	ND	Pass
Total Yeast & Mold	10	1000	ND	Pass

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".

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