

Green Analytics NY, LLC  
401 North Middletown Road, Building 60B  
Pearl River, NY 10965  
www.greenanalyticsllc.com  
License #s: OCM-CPL-00013  
ISO 17025 Certificate No.: 4356.09

### Sample Result: PASS

<b>Date Reported:</b>	4/24/2025	<b>Sample ID:</b>	20250417-FERN-001
<b>Client Name:</b>	UrbanXtracts dba Fernway	<b>Sample Name:</b>	Sour Diesel - 1.0g (T)
<b>Sampling Location:</b>	Warwick, New York	<b>Sample Matrix:</b>	Concentrate
<b>License Number:</b>	OCM-PROC-24-000083	<b>Sample Sub Type:</b>	Vape
<b>Phone:</b>	212.925.1070	<b>Package ID:</b>	
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Lot ID:</b>	FNY-UX-SOURDI-T1G-250417
<b>Sampling Date:</b>	04/17/2025 03:00:00 PM	<b>Batch Size:</b>	3000
		<b>Serving Size (g):</b>	1

<b>Potency</b>	T	<b>Pesticides</b>	P	<b>Heavy Metals</b>	P	<b>Mycotoxins</b>	P
<b>Water Activity</b>	-	<b>Microbiological</b>	P	<b>Residual Solvents</b>	P	<b>Terpenes</b>	P
		<b>Moisture</b>	-	<b>Filth &amp; Foreign Material</b>	-		

"-" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

Cannabinoids: Sour Diesel - 1.0g (T) (20250417-FERN-001)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.330
CBDA	< MRL	< MRL	0.330
CBGA	< MRL	< MRL	0.330
CBG	3.752	37.522	0.330
CBD	1.413	14.128	0.330
THCV	0.544	5.436	0.330
CBN	0.689	6.894	0.330
D9-THC	74.382	743.816	0.330
D8-THC	< MRL	< MRL	0.330
D10-THC-S	< MRL	< MRL	0.330
D10-THC-R	< MRL	< MRL	0.330
CBC	1.079	10.790	0.330
THCA	< MRL	< MRL	0.330

MRL = Minimum reporting limit/limit of quantification  
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #104330 | Date Tested: 04/23/2025 08:40 AM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [ $\Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC} + (\text{THCA} * 0.877)$ ]	74.382	743.816
<b>Total CBD</b> [ $\text{CBD} + (\text{CBDA} * 0.877)$ ]	1.413	14.128
<b>Total Cannabinoids</b>	81.859	818.586



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### Terpenes: Sour Diesel - 1.0g (T) (20250417-FERN-001)

Terpenes analysis utilizing GC-MS (GC-MS: SOP-063-GA, SOP-069-GA)

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.22	0.08
Camphene	< MRL	0.08
Sabinene	< MRL	0.08
beta-Pinene	0.21	0.08
beta-Myrcene	0.73	0.08
Alpha-phellandrene	< MRL	0.08
Carene	< MRL	0.08
alpha-terpinene	< MRL	0.08
p-Cymene	< MRL	0.08
Limonene	1.73	0.08
Eucalyptol	< MRL	0.08
Ocimene	0.21	0.06
gamma-Terpinene	< MRL	0.08
Sabinene Hydrate	< MRL	0.08
Terpinolene	0.12	0.08
Linalool	0.34	0.08
Fenchol	0.13	0.08
Menthol	< MRL	0.08
Terpineol	< MRL	0.08
Citronellol	< MRL	0.08
Isopulegol	< MRL	0.08
Geraniol	< MRL	0.08
Alpha-cedrene	< MRL	0.07
Beta-Caryophyllene	1.34	0.08
Farnesene	0.10	0.08
alpha-Humulene	0.68	0.08
Valencene	0.23	0.08
cis-Nerolidol	< MRL	0.03
trans-Nerolidol	< MRL	0.05
Caryophyllene oxide	0.11	0.08
Guaiol	< MRL	0.08
alpha-Bisabolol	0.11	0.08

MRL = Minimum reporting limit/limit of quantification Test ID: #104335 | Date Tested: 04/23/2025 08:00 PM

Terpenes Summary	Result	Limit	Pass/Fail
<b>Total Terpenes (% w/w)</b>	6.26	10	PASS



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**Residual Solvents: Sour Diesel - 1.0g (T) (20250417-FERN-001)**

**PASS**

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (GC-MS: SOP-067-GA, SOP-010-GA)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5	3.877
2-Propanol	PASS	< MRL	5000	580.883
Acetone	PASS	< MRL	5000	116.177
Acetonitrile	PASS	< MRL	410	47.632
Butanes, total	PASS	< MRL	5000	580.883
Benzene	PASS	< MRL	2	0.775
Chloroform	PASS	< MRL	60	6.971
Dichloromethane	PASS	< MRL	600	69.706
Dimethyl Sulfoxide	PASS	< MRL	5000	1045.588
Ethanol	PASS	< MRL	5000	580.883
Ethyl acetate	PASS	< MRL	5000	580.883
Ethyl ether	PASS	< MRL	5000	580.883
n-Heptane	PASS	< MRL	5000	580.883
Hexanes, total	PASS	< MRL	290	33.691
Methanol	PASS	< MRL	3000	348.530
Pentanes, total	PASS	< MRL	5000	580.883
Propane	PASS	< MRL	5000	580.883
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	376.412
Toluene	PASS	< MRL	890	103.397
Trichloroethane	PASS	< MRL	1500	1045.588
Xylenes, total	PASS	< MRL	2170	252.104

MRL = Minimum reporting limit/limit of quantification

Test ID: #104333 | Date Tested: 04/21/2025 02:29 PM



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**Pesticides: Sour Diesel - 1.0g (T) (20250417-FERN-001)**

**PASS**

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Abamectin	PASS	< MRL	0.50	0.100
Acephate	PASS	< MRL	0.40	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.20	0.100
Aldicarb	PASS	< MRL	0.40	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.20	0.100
Bifenazate	PASS	< MRL	0.20	0.100
Bifenthrin	PASS	< MRL	0.20	0.100
Boscalid	PASS	< MRL	0.40	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.20	0.100
Carbofuran	PASS	< MRL	0.20	0.100
Chlorantranilprole	PASS	< MRL	0.20	0.100
Chlordane	PASS	< MRL	1.00	0.250
Chlorfenapyr	PASS	< MRL	1.00	0.050
Chlormequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.20	0.100
Clofentezine	PASS	< MRL	0.20	0.100
Coumaphos	PASS	< MRL	1.00	0.100
Cyfluthrin	PASS	< MRL	1.00	0.100
Cypermethrin	PASS	< MRL	1.00	0.100
Daminozide	PASS	< MRL	1.00	0.100
Diazinon	PASS	< MRL	0.20	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.20	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.20	0.100
Etofenprox	PASS	< MRL	0.40	0.100
Etoxazole	PASS	< MRL	0.20	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.20	0.100
Fenpyroximate	PASS	< MRL	0.40	0.100
Fipronil	PASS	< MRL	0.40	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.40	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.20	0.100
Imidacloprid	PASS	< MRL	0.40	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.40	0.100
Malathion	PASS	< MRL	0.20	0.100
Metalaxyl	PASS	< MRL	0.20	0.100
Methiocarb	PASS	< MRL	0.20	0.100
Methomyl	PASS	< MRL	0.40	0.100
Methyl Parathion	PASS	< MRL	0.20	0.050
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.20	0.100
Myclobutanil	PASS	< MRL	0.20	0.100
Naled	PASS	< MRL	0.50	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.40	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.250
Permethrins, total	PASS	< MRL	0.20	0.100
Phosmet	PASS	< MRL	0.20	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.20	0.100
Propiconazole	PASS	< MRL	0.40	0.100
Propoxur	PASS	< MRL	0.20	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.20	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.20	0.100
Spiromesifen	PASS	< MRL	0.20	0.100
Spirotetramat	PASS	< MRL	0.20	0.100
Spiroxamine	PASS	< MRL	0.20	0.100
Tebuconazole	PASS	< MRL	0.40	0.100
Thiacloprid	PASS	< MRL	0.20	0.100
Thiamethoxam	PASS	< MRL	0.20	0.100
Trifloxystrobin	PASS	< MRL	0.20	0.100

MRL = Minimum reporting limit/limit of quantification

Test ID: #104334 | Date Tested: 04/22/2025 04:42 AM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

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Mycotoxins: Sour Diesel - 1.0g (T) (20250417-FERN-001)					PASS
Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)					
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)	
Ochratoxin	PASS	< MRL	0.02	0.010	
Total Aflatoxins	PASS	< MRL	0.02	0.010	
MRL = Minimum reporting limit/limit of quantification			Test ID: #104331   Date Tested: 04/22/2025 04:43 AM		

Heavy Metals: Sour Diesel - 1.0g (T) (20250417-FERN-001)					PASS
Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS: SOP-061-NY, SOP-072-GA)					
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)	
Chromium	PASS	< MRL	110.0	8.00	
Nickel	PASS	< MRL	2.0	1.00	
Copper	PASS	< MRL	30.0	8.00	
Arsenic	PASS	< MRL	0.2	0.10	
Cadmium	PASS	< MRL	0.2	0.10	
Antimony	PASS	< MRL	2.0	1.00	
Mercury	PASS	< MRL	0.1	0.05	
Lead	PASS	< MRL	0.5	0.20	
MRL = Minimum reporting limit/limit of quantification			Test ID: #104332   Date Tested: 04/21/2025 11:14 AM		

Microbiological Screen: Sour Diesel - 1.0g (T) (20250417-FERN-001)					PASS
Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY)					
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)	
Total Aerobic Bacteria	PASS	< MRL	10000	100	
Total Yeast & Mold	PASS	< MRL	1000	100	
Salmonella spp	PASS	Absent	Absent	1	
Shiga toxin-producing E. coli	PASS	Absent	Absent	1	
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1	
MRL = Minimum reporting limit/limit of quantification			Test ID: #104336   Date Tested: 04/21/2025 07:11 AM		



Matthew Elmes  
Lab Director  
4/24/2025

