

Flower Co. - Cartridge 1g - Super Sour Diesel

METRC Batch: 1A406030000B7A0000657916
METRC Sample: 1A406030000B7A0000706250
Sample ID: 2403ENC2438_7433
Strain: Super Sour Diesel
Matrix: Concentrates & Extracts
Type: Vape
Batch#: 022924FCDCSSD

Collected: 03/12/2024
Received: 03/13/2024
Completed: 03/15/2024
Sample Size: 13 units; Batch: 2,505 units

Distributor
Flower Company
Lic. # C12-0000273-LIC
5560 West End Rd.,
Arcata, CA, 95521

Producer
Prussian Sticks LLC
Lic. # C12-0000273-LIC
5560 West End Rd.
Arcata, CA 95521



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	03/14/2024	LC-DAD	Pass
Terpenes	03/14/2024	GC-MS	Complete
Pesticides	03/14/2024	LC-MS	Pass
Mycotoxins	03/14/2024	LC-MS	Pass
Residual Solvents	03/14/2024	HS-GC-MS	Pass
Microbial Impurities	03/15/2024	qPCR	Pass
Heavy Metals	03/15/2024	ICP-MS	Pass
Foreign Matter	03/14/2024	Visual Inspection	Pass

Cannabinoids

Method: SOP EL-CANNABINOIDS

93.215 %

Total THC

ND

Total CBD

97.893 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.240	0.726	ND	ND	ND
Δ9-THC	0.257	0.778	93.215	932.15	932.15
Δ8-THC	0.284	0.860	ND	ND	ND
THCVa	0.277	0.838	ND	ND	ND
THCV	0.286	0.867	0.429	4.29	4.29
CBDa	0.251	0.762	ND	ND	ND
CBD	0.242	0.734	ND	ND	ND
CBN	0.228	0.692	0.576	5.76	5.76
CBGa	0.273	0.827	ND	ND	ND
CBG	0.252	0.763	2.699	26.99	26.99
CBCa	0.222	0.674	ND	ND	ND
CBC	0.261	0.792	0.975	9.75	9.75
Total THC			93.215	932.15	932.147
Total CBD			ND	ND	ND
Total Cannabinoids			97.893	978.93	978.930
Sum of Cannabinoids			97.893	978.93	978.930

1 Unit = 1g;

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



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Terpenes

Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Caryophyllene	0.096	0.380	1.099	10.99
δ-Limonene	0.046	0.380	0.424	4.24
α-Bisabolol	0.115	0.380	0.379	3.79
α-Humulene	0.037	0.380	0.296	2.96
trans-Nerolidol	0.123	0.380	0.145	1.45
β-Myrcene	0.089	0.380	0.106	1.06
β-Pinene	0.052	0.380	0.080	0.80
Caryophyllene Oxide	0.114	0.380	0.074	0.74
α-Pinene	0.055	0.380	0.053	0.53
Linalool	0.059	0.380	<LOQ	<LOQ
Camphene	0.033	0.380	<LOQ	<LOQ
Terpinolene	0.083	0.380	<LOQ	<LOQ
α-Phellandrene	0.066	0.380	ND	ND
δ-3-Carene	0.045	0.380	ND	ND
α-Terpinene	0.068	0.380	ND	ND
p-Cymene	0.036	0.380	ND	ND
Eucalyptol	0.064	0.380	ND	ND
Ocimene	0.096	0.380	ND	ND
γ-Terpinene	0.068	0.380	ND	ND
Fenchone	0.061	0.380	ND	ND
Fenchol	0.053	0.380	ND	ND
Camphor	0.068	0.570	ND	ND
Borneol	0.084	0.380	ND	ND
Valencene	0.098	0.380	ND	ND
cis-Nerolidol	0.095	0.380	ND	ND
Guaiol	0.112	0.380	ND	ND
Sabinene	0.037	0.380	ND	ND
Isopulegol	0.117	0.760	ND	ND
Isoborneol	0.033	0.380	ND	ND
Menthol	0.117	0.380	ND	ND
Nerol	0.079	1.901	ND	ND
Pulegone	0.079	0.380	ND	ND
Geraniol	0.109	1.901	ND	ND
Geranyl Acetate	0.091	1.901	ND	ND
α-Cedrene	0.068	0.380	ND	ND
Cedrol	0.065	0.380	ND	ND
Total			2.657	26.570

Date Tested: 03/14/2024

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Primary Aromas

 Clove	 Citrusy	 Chamomile	 Hops	 Floral
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Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	<LOQ	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	ND	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.02	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoxazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	ND	Pass

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Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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Residual Solvents

Method: EL-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	33.00	100.00	5000	ND	Pass
Acetonitrile	10.00	30.00	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	10.00	30.00	5000	ND	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	10.00	30.00	5000	ND	Pass
Ethyl-Acetate	10.00	30.00	5000	ND	Pass
Ethyl-Ether	10.00	30.00	5000	ND	Pass
Ethylene Oxide	0.08	0.24	1	ND	Pass
Heptane	10.00	30.00	5000	ND	Pass
n-Hexane	10.00	30.00	290	ND	Pass
Isopropanol	10.00	30.00	5000	ND	Pass
Methanol	10.00	30.00	3000	ND	Pass
Methylene-Chloride	0.10	0.31	1	ND	Pass
1,2-Dichloro-Ethane	0.10	0.29	1	ND	Pass
Pentane	10.00	30.00	5000	ND	Pass
Propane	10.00	30.00	5000	ND	Pass
Toluene	10.00	30.00	890	ND	Pass
Xylenes	20.00	60.00	2170	ND	Pass
Trichloroethene	0.10	0.29	1	ND	Pass

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Microbial Impurities

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

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Heavy Metals

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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