

Flower Co. - Live Resin Cartridge 1g - Sour Chem

METRC Batch: 1A406030000B7A0000707813
METRC Sample: 1A406030000B7A0000707901
Sample ID: 2508ENC0481_1667
Strain: Sour Chem
Matrix: Concentrates & Extracts
Type: Vape
Batch#: 0825FCLRCSC

Collected: 08/28/2025
Received: 08/29/2025
Completed: 09/04/2025
Sample Size: 13 units; Batch: 2,467 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	09/02/2025	LC-DAD	Pass
Terpenes	09/02/2025	GC-MS	Complete
Pesticides	09/02/2025	LC-MS	Pass
Mycotoxins	09/02/2025	LC-MS	Pass
Residual Solvents	09/02/2025	HS-GC-MS	Pass
Microbial Impurities	09/03/2025	qPCR	Pass
Heavy Metals	09/03/2025	ICP-MS	Pass
Foreign Matter	09/02/2025	Visual Inspection	Pass

Cannabinoids

Method: SOP CA_M-CANNABINOIDS

81.304 %

Total THC

0.306 %

Total CBD

85.762 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.265	0.794	ND	ND	ND
Δ9-THC	0.295	0.900	81.304	813.04	813.040
Δ8-THC	0.280	0.839	ND	ND	ND
THCVa	0.265	0.809	ND	ND	ND
THCV	0.272	0.824	0.633	6.33	6.329
CBDa	0.287	0.862	ND	ND	ND
CBD	0.295	0.900	0.306	3.06	3.056
CBN	0.287	0.877	0.636	6.36	6.356
CBGa	0.295	0.900	ND	ND	ND
CBG	0.280	0.854	2.633	26.33	26.332
CBCa	0.257	0.779	ND	ND	ND
CBC	0.287	0.862	0.251	2.51	2.508
Total THC			81.304	813.04	813.04
Total CBD			0.306	3.06	3.06
Total Cannabinoids			85.762	857.62	857.62
Sum of Cannabinoids			85.762	857.62	857.62

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 CA_M-FOREIGN; Moisture and Water Activity Method: SOP CA_M-WATER



Jessica Burnham
QA Supervisor | 09/04/2025



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Terpenes

Method: SOP CA_M-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
Terpinolene	0.076	0.227	4.042	40.42
β-Myrcene	0.159	0.476	0.883	8.83
β-Caryophyllene	0.144	0.439	0.536	5.36
δ-Limonene	0.091	0.265	0.416	4.16
trans-β-Ocimene	0.098	0.287	0.259	2.59
α-Humulene	0.136	0.401	0.182	1.82
β-Pinene	0.129	0.386	0.178	1.78
α-Pinene	0.136	0.416	0.127	1.27
α-Phellandrene	0.129	0.378	0.119	1.19
δ-3-Carene	0.151	0.446	0.091	0.91
α-Terpinene	0.106	0.318	0.091	0.91
α-Bisabolol	0.227	0.688	0.073	0.73
γ-Terpinene	0.083	0.250	0.060	0.60
Caryophyllene Oxide	0.136	0.408	<LOQ	<LOQ
Eucalyptol	0.060	0.189	0.027	0.27
Fenchol	0.113	0.333	<LOQ	<LOQ
trans-Nerolidol	0.219	0.658	ND	ND
Valencene	0.144	0.446	ND	ND
Camphene	0.121	0.378	ND	ND
p-Cymene	0.091	0.272	ND	ND
Sabinene	0.091	0.287	ND	ND
Borneol	0.076	0.219	ND	ND
Fenchone	0.083	0.250	ND	ND
Linalool	0.174	0.522	ND	ND
Camphor	0.083	0.250	ND	ND
cis-Nerolidol	0.189	0.575	ND	ND
Guaiol	0.113	0.333	ND	ND
Isopulegol	0.174	0.529	ND	ND
Isoborneol	0.136	0.423	ND	ND
Menthol	0.166	0.491	ND	ND
Nerol	0.136	0.408	ND	ND
Pulegone	0.136	0.408	ND	ND
Geraniol	0.159	0.469	ND	ND
α-Cedrene	0.129	0.393	ND	ND
Cedrol	0.129	0.393	ND	ND
Total			7.084	70.84

Date Tested: 09/02/2025

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Primary Aromas

 Turpentine	 Musky	 Clove	 Citrusy	 Herbal
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Pesticides

Method: SOP CA_M-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	0.019	0.056	0.1	ND	Pass	Fludioxonil	0.011	0.034	0.1	ND	Pass
Acephate	0.006	0.02	0.1	ND	Pass	Hexythiazox	0.008	0.025	0.1	ND	Pass
Acequinocyl	0.0089	0.0268	0.1	ND	Pass	Imazalil	0.021	0.064	0.021	ND	Pass
Acetamiprid	0.006	0.018	0.1	ND	Pass	Imidacloprid	0.009	0.026	5	ND	Pass
Aldicarb	0.031	0.095	0.031	ND	Pass	Kresoxim Methyl	0.015	0.044	0.1	ND	Pass
Azoxystrobin	0.006	0.017	0.1	ND	Pass	Malathion	0.008	0.023	0.5	ND	Pass
Bifenazate	0.01	0.03	0.1	ND	Pass	Metalaxyl	0.007	0.021	2	ND	Pass
Bifenthrin	0.049	0.15	3	ND	Pass	Methiocarb	0.015	0.044	0.015	ND	Pass
Boscalid	0.01	0.031	0.1	ND	Pass	Methomyl	0.017	0.051	1	ND	Pass
Captan	0.05	0.1516	0.7	ND	Pass	Parathion Methyl	0.0157	0.0477	0.0157	ND	Pass
Carbaryl	0.022	0.065	0.5	ND	Pass	Mevinphos	0.024	0.072	0.024	ND	Pass
Carbofuran	0.017	0.051	0.017	ND	Pass	Myclobutanil	0.011	0.033	0.1	ND	Pass
Chlorantraniliprole	0.011	0.034	10	ND	Pass	Naled	0.026	0.078	0.1	ND	Pass
Chlordane	0.0099	0.03	0.0099	ND	Pass	Oxamyl	0.014	0.044	0.5	ND	Pass
Chlorfenapyr	0.0316	0.0957	0.0316	ND	Pass	Paclobutrazol	0.033	0.099	0.033	ND	Pass
Chlorpyrifos	0.024	0.073	0.024	ND	Pass	PCNB	0.0133	0.0403	0.1	ND	Pass
Clofentezine	0.011	0.034	0.1	ND	Pass	Permethrin	0.013	0.039	0.5	ND	Pass
Coumaphos	0.028	0.084	0.028	ND	Pass	Phosmet	0.006	0.018	0.1	ND	Pass
Cyfluthrin	0.0243	0.0736	2	ND	Pass	Piperonyl Butoxide	0.008	0.025	3	0.076	Pass
Cypermethrin	0.0409	0.124	1	ND	Pass	Prallethrin	0.01	0.03	0.1	ND	Pass
Daminozide	0.023	0.069	0.023	ND	Pass	Propiconazole	0.009	0.028	0.1	ND	Pass
Diazinon	0.008	0.024	0.1	ND	Pass	Propoxur	0.02	0.061	0.02	ND	Pass
Dichlorvos	0.017	0.051	0.017	ND	Pass	Pyrethrins	0.02	0.059	0.5	ND	Pass
Dimethoate	0.02	0.059	0.02	ND	Pass	Pyridaben	0.01	0.03	0.1	ND	Pass
Dimethomorph	0.01	0.03	2	ND	Pass	Spinetoram	0.012	0.037	0.1	ND	Pass
Ethoprophos	0.016	0.048	0.016	ND	Pass	Spinosad	0.01	0.032	0.1	ND	Pass
Etofenprox	0.027	0.082	0.027	ND	Pass	Spiromesifen	0.011	0.033	0.1	ND	Pass
Etoazole	0.006	0.017	0.1	ND	Pass	Spirotetramat	0.018	0.054	0.1	ND	Pass
Fenhexamid	0.013	0.04	0.1	ND	Pass	Spiroxamine	0.01	0.03	0.01	ND	Pass
Fenoxycarb	0.012	0.037	0.012	ND	Pass	Tebuconazole	0.014	0.042	0.1	ND	Pass
Fenpyroximate	0.003	0.01	0.1	ND	Pass	Thiacloprid	0.01	0.031	0.01	ND	Pass
Fipronil	0.021	0.063	0.021	ND	Pass	Thiamethoxam	0.013	0.039	5	ND	Pass
Flonicamid	0.017	0.051	0.1	ND	Pass	Trifloxystrobin	0.004	0.011	0.1	ND	Pass

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Mycotoxins

Method: SOP CA_M-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.60	4.84		ND	Tested
Aflatoxin B2	2.17	6.57		ND	Tested
Aflatoxin G1	1.35	4.09		ND	Tested
Aflatoxin G2	1.33	4.04		ND	Tested
Ochratoxin A	2.70	8.10	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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Residual Solvents

Method: SOP CA_M-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	3.37	10.20	5000	ND	Pass
Acetonitrile	1.80	5.45	410	ND	Pass
Benzene	0.11	0.33	1	ND	Pass
Butane	2.31	7.01	5000	ND	Pass
Chloroform	0.21	0.65	1	ND	Pass
Ethanol	2.82	8.54	5000	ND	Pass
Ethyl acetate	2.10	6.36	5000	ND	Pass
Ethyl ether	1.93	5.86	5000	ND	Pass
Ethylene Oxide	0.31	0.94	1	ND	Pass
Heptane	2.18	6.61	5000	ND	Pass
Hexane	2.22	6.74	290	ND	Pass
Isopropyl alcohol	2.19	6.64	5000	<LOQ	Pass
Methanol	2.28	6.90	3000	ND	Pass
Methylene chloride	0.10	0.31	1	ND	Pass
1,2-Dichloroethane	0.10	0.30	1	ND	Pass
Pentane	2.39	7.25	5000	ND	Pass
Propane	2.33	7.05	5000	ND	Pass
Toluene	0.59	1.79	890	ND	Pass
Total xylenes (ortho-, meta-, para-)	13.51	40.94	2170	ND	Pass
Trichloroethylene	0.18	0.54	1	ND	Pass

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Microbial Impurities

Method: SOP CA_M-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

Date Tested: 09/03/2025

Heavy Metals

Method: SOP CA_M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.033	0.099	0.200	ND	Pass
Cadmium	0.028	0.085	0.200	ND	Pass
Lead	0.049	0.147	0.500	ND	Pass
Mercury	0.015	0.045	0.100	ND	Pass

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