

Flower Co. - Cartridge 1g - Watermelon Z

METRC Batch: 1A406030000B7A0000707316

METRC Sample: 1A406030000B7A0000707347

Sample ID: 2501ENC0013_0046

Strain: Watermelon Z

Matrix: Concentrates & Extracts

Type: Vape

Batch#: 121624FCDCWZ

Collected: 01/02/2025

Received: 01/03/2025

Completed: 01/07/2025

Sample Size: 13 units; Batch: 1,502 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	01/06/2025	LC-DAD	Pass
Terpenes	01/06/2025	GC-MS	Complete
Pesticides	01/06/2025	LC-MS	Pass
Mycotoxins	01/06/2025	LC-MS	Pass
Residual Solvents	01/06/2025	HS-GC-MS	Pass
Microbial Impurities	01/07/2025	qPCR	Pass
Heavy Metals	01/07/2025	ICP-MS	Pass
Foreign Matter	01/06/2025	Visual Inspection	Pass

Cannabinoids

Method: SOP CA_M-CANNABINOIDS

88.266 %

Total THC

0.283 %

Total CBD

91.667 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.273	0.819	ND	ND	ND
Δ9-THC	0.304	0.928	88.266	882.66	882.66
Δ8-THC	0.288	0.865	ND	ND	ND
THCVa	0.273	0.834	ND	ND	ND
THCV	0.281	0.850	0.535	5.35	5.35
CBDa	0.296	0.889	ND	ND	ND
CBD	0.304	0.928	0.283	2.83	2.83
CBN	0.296	0.904	1.100	11.00	11.00
CBGa	0.304	0.928	ND	ND	ND
CBG	0.288	0.881	1.043	10.43	10.43
CBCa	0.265	0.803	ND	ND	ND
CBC	0.296	0.889	0.440	4.40	4.40
Total THC			88.266	882.66	882.66
Total CBD			0.283	2.83	2.83
Total Cannabinoids			91.667	916.67	916.67
Sum of Cannabinoids			91.667	916.67	916.67

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



Mary Beth Smith
Mary Beth Smith
Compliance Manager | 01/07/2025



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Terpenes

Method: SOP CA_M-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Caryophyllene	0.133	0.398	0.710	7.10
Linalool	0.133	0.390	0.213	2.13
α-Humulene	0.125	0.390	0.183	1.83
δ-Limonene	0.148	0.452	0.145	1.45
α-Bisabolol	0.234	0.702	0.101	1.01
trans-Nerolidol	0.140	0.437	0.051	0.51
Caryophyllene Oxide	0.203	0.608	<LOQ	<LOQ
β-Pinene	0.133	0.413	<LOQ	<LOQ
Fenchol	0.203	0.608	<LOQ	<LOQ
α-Pinene	0.140	0.421	<LOQ	<LOQ
Geraniol	0.257	0.780	ND	ND
β-Myrcene	0.133	0.398	<LOQ	<LOQ
Camphene	0.195	0.593	ND	ND
α-Phellandrene	0.133	0.405	ND	ND
δ-3-Carene	0.133	0.405	ND	ND
p-Cymene	0.133	0.390	ND	ND
Eucalyptol	0.187	0.569	ND	ND
Ocimene	0.109	0.327	ND	ND
γ-Terpinene	0.140	0.421	ND	ND
Terpinolene	0.140	0.437	ND	ND
Fenchone	0.133	0.390	ND	ND
Camphor	0.179	0.530	ND	ND
Borneol	0.172	0.515	ND	ND
Valencene	0.179	0.554	ND	ND
cis-Nerolidol	0.172	0.515	ND	ND
Guaiol	0.133	0.405	ND	ND
Sabinene	0.133	0.398	ND	ND
Sabinene Hydrate	0.265	0.811	ND	ND
Isopulegol	0.327	0.998	ND	ND
Isoborneol	0.164	0.507	ND	ND
Menthol	0.242	0.725	ND	ND
Nerol	0.140	0.421	ND	ND
Pulegone	0.133	0.405	ND	ND
Geranyl Acetate	0.312	0.943	ND	ND
α-Cedrene	0.156	0.476	ND	ND
Cedrol	0.203	0.624	ND	ND
Total			1.403	14.03

Date Tested: 01/06/2025

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Primary Aromas

 Clove	 Lavender	 Hops	 Citrusy	 Chamomile
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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	<LOQ	Pass	Metalaxyl	0.007	0.021	2	ND	Pass
Bifenthrin	0.049	0.15	3	0.336	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	0.045	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	ND	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	2.80	8.40		ND	Tested
Aflatoxin B2	1.90	5.60		ND	Tested
Aflatoxin G1	1.40	4.20		ND	Tested
Aflatoxin G2	2.00	6.20		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	10.66	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: 01/07/2025

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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