

## Flower Co. - Live Resin Sugar - 1g - Rainbow Runtz

METRC Batch: 1A406030000B7A0000707039  
METRC Sample: 1A406030000B7A0000707071  
**Sample ID: 2411ENC2248\_6759**  
Strain: Rainbow Runtz  
Matrix: Concentrates & Extracts  
Type: Sugar  
Batch#: 110724FCOSRR

Collected: 11/26/2024  
Received: 11/27/2024  
Completed: 12/04/2024  
Sample Size: 13 units; Batch: 1,525 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	12/02/2024	LC-DAD	Pass
Terpenes	12/02/2024	GC-MS	Complete
Pesticides	12/02/2024	LC-MS	Pass
Mycotoxins	12/02/2024	LC-MS	Pass
Residual Solvents	12/02/2024	HS-GC-MS	Pass
Microbial Impurities	12/03/2024	qPCR	Pass
Heavy Metals	12/03/2024	ICP-MS	Pass
Foreign Matter	12/02/2024	Visual Inspection	Pass

### Cannabinoids

Method: SOP CA\_M-CANNABINOIDS

**86.671 %**

Total THC

**ND**

Total CBD

**87.279 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.278	0.835	96.146	961.46	961.46
Δ9-THC	0.310	0.946	2.351	23.51	23.51
Δ8-THC	0.294	0.883	ND	ND	ND
THCVa	0.278	0.851	0.462	4.62	4.62
THCV	0.286	0.867	ND	ND	ND
CBDa	0.302	0.907	ND	ND	ND
CBD	0.310	0.946	ND	ND	ND
CBN	0.302	0.922	ND	ND	ND
CBGa	0.310	0.946	0.232	2.32	2.32
CBG	0.294	0.899	<LOQ	<LOQ	<LOQ
CBCa	0.270	0.819	ND	ND	ND
CBC	0.302	0.907	ND	ND	ND
<b>Total THC</b>			<b>86.671</b>	<b>866.71</b>	<b>866.71</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Cannabinoids</b>			<b>87.279</b>	<b>872.79</b>	<b>872.79</b>
<b>Sum of Cannabinoids</b>			<b>&gt;99</b>	<b>991.90</b>	<b>991.90</b>

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 | 12/04/2024



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### Terpenes






Method: CA\_M-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Caryophyllene	0.970	2.934	<LOQ	<LOQ
δ-Limonene	0.620	1.885	<LOQ	<LOQ
α-Humulene	0.581	1.757	<LOQ	<LOQ
β-Myrcene	0.453	1.392	<LOQ	<LOQ
Linalool	0.708	2.155	ND	ND
α-Bisabolol	0.732	2.219	ND	ND
α-Pinene	0.382	1.169	ND	ND
β-Pinene	0.054	1.495	<LOQ	<LOQ
Fenchol	0.636	1.932	ND	ND
Camphene	0.477	1.447	ND	ND
α-Phellandrene	0.358	1.089	ND	ND
δ-3-Carene	0.461	1.400	ND	ND
α-Terpinene	0.437	1.320	ND	ND
p-Cymene	0.525	1.598	ND	ND
Eucalyptol	0.429	1.304	ND	ND
Ocimene	0.533	1.614	ND	ND
γ-Terpinene	0.549	1.662	ND	ND
Terpinolene	0.557	1.686	ND	ND
Fenchone	0.827	2.505	ND	ND
Camphor	1.455	4.421	ND	ND
Borneol	1.066	3.221	ND	ND
Valencene	0.588	1.781	ND	ND
cis-Nerolidol	0.588	1.773	ND	ND
trans-Nerolidol	1.058	3.197	ND	ND
Caryophyllene Oxide	0.652	1.988	ND	ND
Guaiol	0.573	1.742	ND	ND
Sabinene	0.493	1.487	ND	ND
Sabinene Hydrate	0.509	1.535	ND	ND
Isopulegol	0.946	2.855	ND	ND
Isoborneol	0.477	1.455	ND	ND
Menthol	0.390	1.177	ND	ND
Nerol	0.604	1.829	ND	ND
Pulegone	0.596	1.813	ND	ND
Geraniol	0.636	1.917	ND	ND
Geranyl Acetate	0.660	2.004	ND	ND
α-Cedrene	0.509	1.543	ND	ND
Cedrol	0.604	1.837	ND	ND
<b>Total</b>			<b>0.613</b>	<b>6.13</b>

Date Tested: 12/02/2024

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### Primary Aromas

 Clove	 Citrusy	 Hops	 Musky	 Lavender
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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	0.10	ND	Pass	Fludioxonil	0.011	0.034	0.10	ND	Pass
Acephate	0.006	0.02	0.10	ND	Pass	Hexythiazox	0.008	0.025	0.10	ND	Pass
Acequinocyl	0.0089	0.0268	0.10	ND	Pass	Imazalil	0.021	0.064	0.02	ND	Pass
Acetamiprid	0.006	0.018	0.10	ND	Pass	Imidacloprid	0.009	0.026	5.00	ND	Pass
Aldicarb	0.031	0.095	0.03	ND	Pass	Kresoxim Methyl	0.015	0.044	0.10	ND	Pass
Azoxystrobin	0.006	0.017	0.10	ND	Pass	Malathion	0.008	0.023	0.50	ND	Pass
Bifenazate	0.01	0.03	0.10	ND	Pass	Metalaxyl	0.007	0.021	2.00	ND	Pass
Bifenthrin	0.049	0.15	3.00	ND	Pass	Methiocarb	0.015	0.044	0.01	ND	Pass
Boscalid	0.01	0.031	0.10	ND	Pass	Methomyl	0.017	0.051	1.00	ND	Pass
Captan	0.05	0.1516	0.70	ND	Pass	Parathion Methyl	0.0157	0.0477	0.02	ND	Pass
Carbaryl	0.022	0.065	0.50	ND	Pass	Mevinphos	0.024	0.072	0.02	ND	Pass
Carbofuran	0.017	0.051	0.02	ND	Pass	Myclobutanil	0.011	0.033	0.10	ND	Pass
Chlorantraniliprole	0.011	0.034	10.00	ND	Pass	Naled	0.026	0.078	0.10	ND	Pass
Chlordane	0.0099	0.03	0.01	ND	Pass	Oxamyl	0.014	0.044	0.50	ND	Pass
Chlorfenapyr	0.0316	0.0957	0.03	ND	Pass	Paclobutrazol	0.033	0.099	0.03	ND	Pass
Chlorpyrifos	0.024	0.073	0.02	ND	Pass	PCNB	0.0133	0.0403	0.10	ND	Pass
Clofentezine	0.011	0.034	0.10	ND	Pass	Permethrin	0.013	0.039	0.50	ND	Pass
Coumaphos	0.028	0.084	0.03	ND	Pass	Phosmet	0.006	0.018	0.10	ND	Pass
Cyfluthrin	0.0243	0.0736	2.00	ND	Pass	Piperonyl Butoxide	0.008	0.025	3.00	ND	Pass
Cypermethrin	0.0409	0.124	1.00	ND	Pass	Prallethrin	0.01	0.03	0.10	ND	Pass
Daminozide	0.023	0.069	0.02	ND	Pass	Propiconazole	0.009	0.028	0.10	ND	Pass
Diazinon	0.008	0.024	0.10	ND	Pass	Propoxur	0.02	0.061	0.02	ND	Pass
Dichlorvos	0.017	0.051	0.02	ND	Pass	Pyrethrins	0.02	0.059	0.50	ND	Pass
Dimethoate	0.02	0.059	0.02	ND	Pass	Pyridaben	0.01	0.03	0.10	ND	Pass
Dimethomorph	0.01	0.03	2.00	ND	Pass	Spinetoram	0.012	0.037	0.10	ND	Pass
Ethoprophos	0.016	0.048	0.02	ND	Pass	Spinosad	0.01	0.032	0.10	ND	Pass
Etofenprox	0.027	0.082	0.03	ND	Pass	Spiromesifen	0.011	0.033	0.10	ND	Pass
Etoazole	0.006	0.017	0.10	ND	Pass	Spirotetramat	0.018	0.054	0.10	ND	Pass
Fenhexamid	0.013	0.04	0.10	ND	Pass	Spiroxamine	0.01	0.03	0.01	ND	Pass
Fenoxycarb	0.012	0.037	0.01	ND	Pass	Tebuconazole	0.014	0.042	0.10	ND	Pass
Fenpyroximate	0.003	0.01	0.10	ND	Pass	Thiacloprid	0.01	0.031	0.01	ND	Pass
Fipronil	0.021	0.063	0.02	ND	Pass	Thiamethoxam	0.013	0.039	5.00	ND	Pass
Flonicamid	0.017	0.051	0.10	ND	Pass	Trifloxystrobin	0.004	0.011	0.10	ND	Pass

Date Tested: 12/02/2024

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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: 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	<LOQ	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	ND	Pass
Methanol	2.28	6.90	3000	<LOQ	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: 12/03/2024

**Heavy Metals**

Method: SOP CA\_M-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	0.011	0.033	0.200	ND	Pass
Lead	0.011	0.033	0.500	ND	Pass
Mercury	0.003	0.009	0.100	ND	Pass

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