

## Variety Drugs - Cartridge 1g - Sugar Kush

METRC Batch: 1A406030000B7A0000657955  
METRC Sample: 1A406030000B7A0000705971  
Sample ID: 2401ENC0494\_1511  
Strain: Sugar Kush  
Matrix: Concentrates & Extracts  
Type: Vape  
Batch#: 011724VDDCSK

Collected: 01/18/2024  
Received: 01/19/2024  
Completed: 01/23/2024  
Sample Size: 13 units; Batch: 2,464 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	01/22/2024	LC-DAD	Pass
Terpenes	01/22/2024	GC-MS	Complete
Pesticides	01/22/2024	LC-MS	Pass
Mycotoxins	01/22/2024	LC-MS	Pass
Residual Solvents	01/22/2024	HS-GC-MS	Pass
Microbial Impurities	01/23/2024	qPCR	Pass
Heavy Metals	01/23/2024	ICP-MS	Pass
Foreign Matter	01/22/2024	Visual Inspection	Pass

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**85.461 %**

Total THC

**0.131 %**

Total CBD

**91.331 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.233	0.706	ND	ND	ND
Δ9-THC	0.249	0.756	85.461	854.61	854.61
Δ8-THC	0.276	0.836	ND	ND	ND
THCVa	0.269	0.815	ND	ND	ND
THCV	0.278	0.843	1.012	10.12	10.12
CBDa	0.244	0.741	ND	ND	ND
CBD	0.236	0.714	0.131	1.31	1.31
CBN	0.222	0.672	0.502	5.02	5.02
CBGa	0.265	0.804	ND	ND	ND
CBG	0.245	0.742	3.215	32.15	32.15
CBCa	0.216	0.655	ND	ND	ND
CBC	0.254	0.770	1.009	10.09	10.09
<b>Total THC</b>			<b>85.461</b>	<b>854.61</b>	<b>854.612</b>
<b>Total CBD</b>			<b>0.131</b>	<b>1.31</b>	<b>1.312</b>
<b>Total Cannabinoids</b>			<b>91.331</b>	<b>913.31</b>	<b>913.307</b>
<b>Sum of Cannabinoids</b>			<b>91.331</b>	<b>913.31</b>	<b>913.307</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 EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



*Brad Kao*  
Brad Kao  
Laboratory Supervisor | 01/23/2024



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### Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
δ-Limonene	0.045	0.370	3.806	38.06
Linalool	0.058	0.370	0.181	1.81
β-Myrcene	0.086	0.370	0.078	0.78
α-Bisabolol	0.112	0.370	0.049	0.49
α-Pinene	0.054	0.370	<LOQ	<LOQ
Sabinene	0.036	0.370	<LOQ	<LOQ
δ-3-Carene	0.044	0.370	<LOQ	<LOQ
p-Cymene	0.035	0.370	<LOQ	<LOQ
Camphene	0.032	0.370	ND	ND
β-Pinene	0.050	0.370	ND	ND
α-Phellandrene	0.064	0.370	ND	ND
α-Terpinene	0.066	0.370	ND	ND
Eucalyptol	0.062	0.370	ND	ND
Ocimene	0.093	0.370	ND	ND
γ-Terpinene	0.066	0.370	ND	ND
Terpinolene	0.080	0.370	ND	ND
Fenchone	0.059	0.370	ND	ND
Fenchol	0.051	0.370	ND	ND
Camphor	0.066	0.555	ND	ND
Borneol	0.081	0.370	ND	ND
β-Caryophyllene	0.094	0.370	ND	ND
α-Humulene	0.036	0.370	ND	ND
Valencene	0.096	0.370	ND	ND
cis-Nerolidol	0.093	0.370	ND	ND
trans-Nerolidol	0.120	0.370	ND	ND
Caryophyllene Oxide	0.111	0.370	ND	ND
Guaiol	0.109	0.370	ND	ND
Isopulegol	0.113	0.739	ND	ND
Isoborneol	0.032	0.370	ND	ND
Menthol	0.113	0.370	ND	ND
Pulegone	0.077	0.370	ND	ND
α-Cedrene	0.066	0.370	ND	ND
Cedrol	0.063	0.370	ND	ND
<b>Total</b>			<b>4.114</b>	<b>41.139</b>


Date Tested: 01/22/2024

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### Primary Aromas

 Citrusy	 Lavender	 Musky	 Chamomile	 Pine
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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	ND	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
Etoazole	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	31.96	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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