

## Flower Co. - Live Diamonds - 1g - Vanilla Kush

METRC Batch: 1A406030000B7A0000657192  
METRC Sample: 1A406030000B7A0000706501  
Sample ID: 2405ENC4294\_2495  
Strain: Vanilla Kush  
Matrix: Concentrates & Extracts  
Type: Diamonds  
Batch#: 042924FCDVK

Collected: 05/02/2024  
Received: 05/04/2024  
Completed: 05/07/2024  
Sample Size: 8 units; Batch: 547 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	05/06/2024	LC-DAD	Pass
Terpenes	05/06/2024	GC-MS	Complete
Pesticides	05/06/2024	LC-MS	Pass
Mycotoxins	05/06/2024	LC-MS	Pass
Residual Solvents	05/06/2024	HS-GC-MS	Pass
Microbial Impurities	05/07/2024	qPCR	Pass
Heavy Metals	05/07/2024	ICP-MS	Pass
Foreign Matter	05/06/2024	Visual Inspection	Pass

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**85.766 %**

Total THC

**ND**

Total CBD

**87.402 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.246	0.745	95.737	957.37	957.37
Δ9-THC	0.263	0.797	1.805	18.05	18.05
Δ8-THC	0.291	0.881	ND	ND	ND
THCVa	0.284	0.859	0.480	4.80	4.80
THCV	0.293	0.889	ND	ND	ND
CBDa	0.258	0.781	ND	ND	ND
CBD	0.248	0.753	ND	ND	ND
CBN	0.234	0.709	ND	ND	ND
CBGa	0.280	0.848	0.384	3.84	3.84
CBG	0.258	0.782	0.100	1.00	1.00
CBCa	0.228	0.691	0.888	8.88	8.88
CBC	0.268	0.812	ND	ND	ND
<b>Total THC</b>			<b>85.766</b>	<b>857.66</b>	<b>857.66</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total Cannabinoids</b>			<b>87.402</b>	<b>874.02</b>	<b>874.02</b>
<b>Sum of Cannabinoids</b>			<b>&gt;99</b>	<b>993.93</b>	<b>993.93</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



*Mary Beth Smith*  
Mary Beth Smith  
Compliance Manager | 05/07/2024



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### Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Caryophyllene	0.099	0.390	0.703	7.03
δ-Limonene	0.047	0.390	0.283	2.83
α-Humulene	0.038	0.390	0.178	1.78
β-Myrcene	0.091	0.390	0.163	1.63
α-Pinene	0.057	0.390	0.088	0.88
α-Bisabolol	0.118	0.390	0.085	0.85
Linalool	0.061	0.390	0.069	0.69
β-Pinene	0.053	0.390	0.053	0.53
Fenchol	0.054	0.390	<LOQ	<LOQ
Caryophyllene Oxide	0.117	0.390	<LOQ	<LOQ
Terpinolene	0.085	0.390	<LOQ	<LOQ
Camphene	0.034	0.390	<LOQ	<LOQ
δ-3-Carene	0.047	0.390	ND	ND
α-Terpinene	0.070	0.390	ND	ND
p-Cymene	0.036	0.390	ND	ND
Eucalyptol	0.065	0.390	ND	ND
γ-Terpinene	0.070	0.390	ND	ND
Fenchone	0.062	0.390	ND	ND
Camphor	0.070	0.585	ND	ND
Borneol	0.086	0.390	ND	ND
Valencene	0.101	0.390	ND	ND
trans-Nerolidol	0.126	0.390	ND	ND
Guaiol	0.115	0.390	ND	ND
Sabinene	0.038	0.390	ND	ND
Sabinene Hydrate	0.074	0.390	ND	ND
Isopulegol	0.120	0.780	ND	ND
Isoborneol	0.034	0.390	ND	ND
Menthol	0.119	0.390	ND	ND
Nerol	0.081	1.949	ND	ND
Pulegone	0.081	0.390	ND	ND
Geraniol	0.112	1.949	ND	ND
α-Cedrene	0.070	0.390	ND	ND
Cedrol	0.067	0.390	ND	ND
<b>Total</b>			<b>1.622</b>	<b>16.22</b>

Date Tested: 05/06/2024

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### Primary Aromas

 Clove	 Citrusy	 Hops	 Musky	 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
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
Hexane	10.00	30.00	290	ND	Pass
Isopropyl alcohol	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-Dichloroethane	0.10	0.29	1	ND	Pass
Pentane	10.00	30.00	5000	337.50	Pass
Propane	10.00	30.00	5000	ND	Pass
Toluene	10.00	30.00	890	ND	Pass
Total xylenes (ortho-, meta-, para-)	20.00	60.00	2170	ND	Pass
Trichloroethylene	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

Date Tested: 05/07/2024

### 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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