

## Prussian Sticks - Bulk Flower - Black Diamond (Smalls)

METRC Batch: 1A406030000B7A0000683991  
METRC Sample: 1A406030000B7A0000683997  
Sample ID: 2310ENC1797\_5711  
Strain: Black Diamond  
Matrix: Plant  
Type: Flower - Cured  
Batch#: 102323PRSBKBD5

Collected: 10/24/2023  
Received: 10/25/2023  
Completed: 10/27/2023  
Sample Size: 72 g; Batch: 18,597.272 g

Distributor  
Flower Company

Lic. # C12-0000273-LIC  
5560 West End Rd.,  
Arcata, CA, 95521

Producer  
Pacific Grown Organics

Lic. # CCL21-0004786  
5892 Via Real  
Carpinteria, CA 93013



### Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	10/26/2023	LC-DAD	Complete
Terpenes	10/26/2023	GC-MS	Complete
Moisture	10/26/2023	Moisture Analyzer	12.95% - Complete
Water Activity	10/26/2023	Water Activity Meter	0.5427 aw - Pass
Pesticides	10/26/2023	LC-MS	Pass
Mycotoxins	10/26/2023	LC-MS	Pass
Microbial Impurities	10/27/2023	qPCR	Pass
Heavy Metals	10/27/2023	ICP-MS	Pass
Foreign Matter	10/26/2023	Visual Inspection	Pass

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**19.704 %**

Total THC

**ND**

Total CBD

**20.515 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
THCa	0.134	0.405	20.931	209.31
Δ9-THC	0.143	0.433	1.347	13.47
Δ8-THC	0.158	0.479	ND	ND
THCVa	0.154	0.467	0.069	0.69
THCV	0.159	0.483	ND	ND
CBDa	0.140	0.425	<LOQ	<LOQ
CBD	0.135	0.409	ND	ND
CBN	0.127	0.386	ND	ND
CBGa	0.152	0.461	0.505	5.05
CBG	0.140	0.425	0.059	0.59
CBCa	0.124	0.376	0.284	2.84
CBC	0.146	0.442	ND	ND
<b>Total THC</b>			<b>19.704</b>	<b>197.04</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>
<b>Total Cannabinoids</b>			<b>20.515</b>	<b>205.15</b>
<b>Sum of Cannabinoids</b>			<b>23.195</b>	<b>231.95</b>

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*  
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Compliance Manager | 10/27/2023



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### Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Caryophyllene	0.054	0.212	0.627	6.27
δ-Limonene	0.026	0.212	0.245	2.45
α-Humulene	0.021	0.212	0.171	1.71
β-Myrcene	0.049	0.212	0.148	1.48
Linalool	0.033	0.212	0.113	1.13
α-Bisabolol	0.064	0.212	0.089	0.89
α-Pinene	0.031	0.212	0.081	0.81
β-Pinene	0.029	0.212	0.053	0.53
Fenchol	0.029	0.212	0.036	0.36
trans-Nerolidol	0.069	0.212	0.031	0.31
Camphene	0.018	0.212	<LOQ	<LOQ
Borneol	0.047	0.212	<LOQ	<LOQ
Fenchone	0.034	0.212	ND	ND
α-Phellandrene	0.037	0.212	ND	ND
δ-3-Carene	0.025	0.212	ND	ND
α-Terpinene	0.038	0.212	ND	ND
p-Cymene	0.020	0.212	ND	ND
Eucalyptol	0.035	0.212	ND	ND
γ-Terpinene	0.038	0.212	ND	ND
Terpinolene	0.046	0.212	ND	ND
Camphor	0.038	0.318	ND	ND
Valencene	0.055	0.212	ND	ND
cis-Nerolidol	0.053	0.212	ND	ND
Caryophyllene Oxide	0.063	0.212	ND	ND
Guaiol	0.062	0.212	ND	ND
Sabinene	0.021	0.212	ND	ND
Sabinene Hydrate	0.040	0.212	ND	ND
Isopulegol	0.065	0.424	ND	ND
Isoborneol	0.018	0.212	ND	ND
Menthol	0.065	0.212	ND	ND
Nerol	0.044	1.060	ND	ND
Pulegone	0.044	0.212	ND	ND
Geraniol	0.061	1.060	ND	ND
Geranyl Acetate	0.051	1.060	ND	ND
α-Cedrene	0.038	0.212	ND	ND
Cedrol	0.036	0.212	ND	ND
<b>Total</b>			<b>1.593</b>	<b>15.934</b>

Date Tested: 10/26/2023

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### Primary Aromas

 Clove	 Citrusy	 Hops	 Musky	 Lavender
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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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### 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	<LOQ	Pass
Cadmium	0.015	0.044	0.200	0.057	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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