

Flower Co. - Cartridge 1g - King Louis XIII

METRC Batch: 1A406030000B7A0000707041
METRC Sample: 1A406030000B7A0000707066
Sample ID: 2411ENC1983_5977
Strain: King Louis XIII
Matrix: Concentrates & Extracts
Type: Vape
Batch#: 110624FCDCCKL

Collected: 11/14/2024
Received: 11/15/2024
Completed: 11/20/2024
Sample Size: 13 units; Batch: 1,503 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	11/18/2024	LC-DAD	Pass
Terpenes	11/18/2024	GC-MS	Complete
Pesticides	11/18/2024	LC-MS	Pass
Mycotoxins	11/18/2024	LC-MS	Pass
Residual Solvents	11/18/2024	HS-GC-MS	Pass
Microbial Impurities	11/19/2024	qPCR	Pass
Heavy Metals	11/19/2024	ICP-MS	Pass
Foreign Matter	11/18/2024	Visual Inspection	Pass

Cannabinoids

Method: SOP EL-CANNABINOIDS

89.546 %

Total THC

0.207 %

Total CBD

92.751 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.237	0.720	ND	ND	ND
Δ9-THC	0.254	0.770	89.546	895.46	895.46
Δ8-THC	0.281	0.851	ND	ND	ND
THCVa	0.274	0.830	ND	ND	ND
THCV	0.283	0.859	0.503	5.03	5.03
CBDa	0.249	0.755	ND	ND	ND
CBD	0.240	0.727	0.207	2.07	2.07
CBN	0.226	0.685	1.073	10.73	10.73
CBGa	0.270	0.819	ND	ND	ND
CBG	0.249	0.756	0.911	9.11	9.11
CBCa	0.220	0.668	ND	ND	ND
CBC	0.259	0.785	0.512	5.12	5.12
Total THC			89.546	895.46	895.46
Total CBD			0.207	2.07	2.07
Total Cannabinoids			92.751	927.51	927.51
Sum of Cannabinoids			92.751	927.51	927.51

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



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Compliance Manager | 11/20/2024



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Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
δ-Limonene	0.046	0.377	0.950	9.50
β-Caryophyllene	0.095	0.377	0.667	6.67
β-Myrcene	0.088	0.377	0.505	5.05
β-Pinene	0.051	0.377	0.181	1.81
Linalool	0.059	0.377	0.174	1.74
Terpinolene	0.082	0.377	0.124	1.24
α-Bisabolol	0.114	0.377	0.107	1.07
α-Pinene	0.055	0.377	0.097	0.97
Fenchol	0.052	0.377	0.087	0.87
γ-Terpinene	0.067	0.377	0.046	0.46
α-Humulene	0.037	0.377	0.044	0.44
Caryophyllene Oxide	0.113	0.377	<LOQ	<LOQ
α-Phellandrene	0.065	0.377	<LOQ	<LOQ
Camphene	0.032	0.377	<LOQ	<LOQ
α-Cedrene	0.068	0.377	<LOQ	<LOQ
p-Cymene	0.035	0.377	<LOQ	<LOQ
δ-3-Carene	0.045	0.377	ND	ND
α-Terpinene	0.068	0.377	ND	ND
Eucalyptol	0.063	0.377	ND	ND
Ocimene	0.095	0.377	ND	ND
Fenchone	0.060	0.377	ND	ND
Camphor	0.068	0.565	ND	ND
Borneol	0.083	0.377	ND	ND
Valencene	0.097	0.377	ND	ND
cis-Nerolidol	0.094	0.377	ND	ND
trans-Nerolidol	0.122	0.377	ND	ND
Guaiol	0.111	0.377	ND	ND
Sabinene	0.037	0.377	ND	ND
Sabinene Hydrate	0.071	0.377	ND	ND
Isopulegol	0.116	0.753	ND	ND
Isoborneol	0.032	0.377	ND	ND
Menthol	0.115	0.377	ND	ND
Nerol	0.079	1.883	ND	ND
Pulegone	0.078	0.377	ND	ND
Geraniol	0.108	1.883	ND	ND
Geranyl Acetate	0.090	1.883	ND	ND
Cedrol	0.064	0.377	ND	ND
Total			3.070	30.70

Date Tested: 11/18/2024

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Primary Aromas

 Citrusy	 Clove	 Musky	 Pine	 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	0.013	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	0.408	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	0.050	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	ND	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: 11/19/2024

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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