

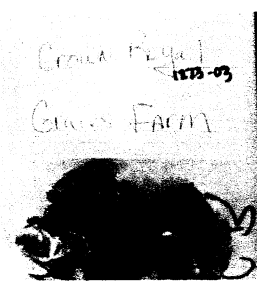
Scissortail Laboratory, LLC

OBNDD No: 62847 (405) 788-0247

Graves Farm
GAAA-EKNQ-KCLI

Received On: 10/9/2019
Reported On: 10/11/2019

Sample: Crown Royal
Matrix: Flower
STL Number: 1273-03
Batch Number: N/A
Harvest/Process Date: N/A



Potency

Ref. Method(s): J AOAC 2015 V98-6
ASTM Method D2216-10

Extraction Date: 10/10/2019

Mass Extracted (g): 0.2122
Dry wt. corr. mass (g): 0.1869

Final Volume (mL): 20
Moisture Content (%): 11.9

	mg/L	Dilution Factor	Conc. In Sample - dry (mg/g)	Potency %	Potency LOQ (%)	Analytical Date	Analyst
CBDV	0	5	0.000	0.00	0.05	10/11/2019	SIF
CBDA	5.83	5	3.119	0.31	0.05	10/11/2019	SIF
CBGA	11.122	5	5.949	0.59	0.05	10/11/2019	SIF
CBG	0	5	0.000	0.00	0.05	10/11/2019	SIF
CBD	0	5	0.000	0.00	0.05	10/11/2019	SIF
THCV	0	5	0.000	0.00	0.05	10/11/2019	SIF
CBN	0	5	0.000	0.00	0.05	10/11/2019	SIF
d9-THC	11.444	5	6.121	0.61	0.05	10/11/2019	SIF
d8-THC	2.487	5	1.330	0.13	0.05	10/11/2019	SIF
CBC	1.465	5	0.784	0.08	0.05	10/11/2019	SIF
THCA	42.569	50	227.705	22.77	0.53	10/11/2019	SIF
Total Cannabinoid:				24.50	%		
Total THC:				20.58	%		
Total CBD:				0.27	%		

Contaminants and Filth

Analytical Date: 10/9/2019 Reference Method: FDA Proc from Microanalytical Procedures Manual Section V-8, Subsection 4

Result: Pass

These samples were run in accordance with current ISO 17025 standards.

Approved By:

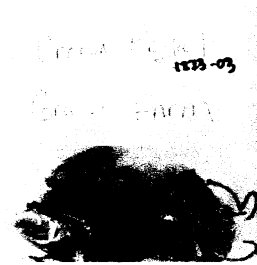
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Terpenes

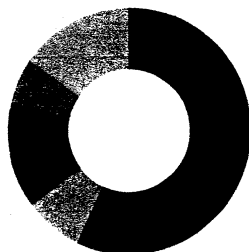
Ref. Method(s): J AOAC 2015 V98-6

Mass Extracted (g): 0.0232

Shimadzu Scientific Whitepaper: GCMS-1604
Agilent Technologies App Note: 5991-8499EN

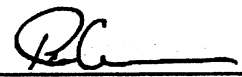
	From Instrument (ug/g)	ug on column (10uL)	wt %		PQL (%)	Analytical Date	Analyst
.alpha.-Pinene	1772.70	7.64	0.076	█ ✓	0.00168	10/12/2019	SIF
Camphene	120.79	0.52	0.005	█ ✓	0.00168	10/12/2019	SIF
.beta.-Myrcene	10062.74	43.37	0.434	████████████████████ ✓	0.00168	10/12/2019	SIF
.beta.-Pinene	2667.18	11.50	0.115	████████████████████ ✓	0.00168	10/12/2019	SIF
3-Carene	696.85	3.00	0.030	█ ✓	0.00168	10/12/2019	SIF
Alpha Terpinene	866.65	3.74	0.037	█ ✓	0.00168	10/12/2019	SIF
D-Limonene	3239.47	13.96	0.140	████████████████████ ✓	0.00168	10/12/2019	SIF
p-Cymene	58.12	0.25	0.003	█ ✓	0.00168	10/12/2019	SIF
.beta.-Ocimene	3534.44	15.23	0.152	████████████████████ ✓	0.00168	10/12/2019	SIF
Eucalyptol	106.54	0.46	0.005	█ ✓	0.00168	10/12/2019	SIF
.gamma.-Terpinene	545.31	2.35	0.024	█ ✓	0.00168	10/12/2019	SIF
Terpinolene	15749.54	67.89	0.679	██ ✓	0.00168	10/12/2019	SIF
Linalool	1564.88	6.75	0.067	████████████████████	0.00168	10/12/2019	SIF
Isopulegol	0.00	0.00	0.000		0.00168	10/12/2019	SIF
Geraniol	0.00	0.00	0.000		0.00168	10/12/2019	SIF
Caryophyllene	3109.04	13.40	0.134	████████████████████ ✓	0.00168	10/12/2019	SIF
Humulene	881.90	3.80	0.038	█ ✓	0.00168	10/12/2019	SIF
Nerolidol cis	0.00	0.00	0.000		0.00168	10/12/2019	SIF
Nerolidol trans	0.00	0.00	0.000		0.00168	10/12/2019	SIF
Guaiol	8.64	0.04	0.000		0.00168	10/12/2019	SIF
Caryophyllene oxide	0.00	0.00	0.000		0.00168	10/12/2019	SIF
.alpha.-Bisabolol	309.74	1.34	0.013	█ ✓	0.00168	10/12/2019	SIF

Percent Terpenes by wt: 1.952



- █ Terpinolene
- █ .beta.-Myrcene
- █ .beta.-Ocimene
- █ D-Limonene
- █ Caryophyllene
- █ .beta.-Pinene
- █ All Other Terpenes

These samples were run in accordance with current ISO 17025 standards.
All associated batch QC passed within acceptable limits.

Approved By: 
Lab Director

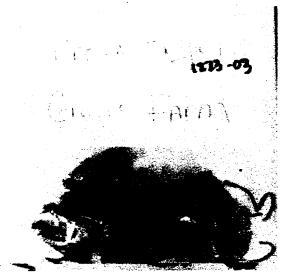
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Pesticides

Analysis Date: 10/16/2019

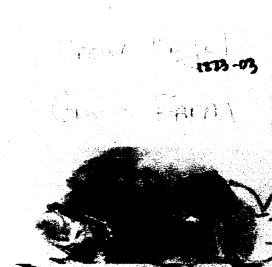
Analyzed By: Cannabest Labs

Ref Method: CBL Method 2

Compound	Pass	Action Level (µg/g)	Conc. In Sample (µg/g)
Abamectin (71751-41-2)	Yes	0.5	ND
Azoxystrobin (131860-33-8)	Yes	0.5	ND
Bifenazate* (149877-41-8)	Yes	0.5	ND
Etoxazole (153233-91-1)	Yes	0.5	ND
Imazalil (35554-44-0)	Yes	0.5	ND
Imidacloprid (138261-41-3)	Yes	0.5	ND
Malathion (121-75-5)	Yes	0.5	ND
Myclobutanil (88671-89-0)	Yes	0.5	ND
Permethrins* (52645-53-1)	Yes	0.5	ND
Spinosad A (168316-95-8)	Yes	0.5	ND
Spinosad D (168316-95-8)	Yes	0.5	ND
Spiromesifen (283594-90-1)	Yes	0.5	ND
Spirotetramat (203313-25-1)	Yes	0.5	ND
Tebuconazole (80443-41-0)	Yes	0.5	ND

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Harvest/Process Date: N/A**Mycotoxins**

Analysis Date: 10/16/2019 Analyzed By: Cannabest Labs Ref Method: CBL Method 3

Compound	Conc. In Sample (µg/kg)	Action	
		Level (µg/kg)	Pass
Aflatoxin B1	ND	20	Yes
Aflatoxin B2	ND	20	Yes
Aflatoxin G1	ND	20	Yes
Aflatoxin G2	ND	20	Yes
Ochratoxin A	ND	20	Yes

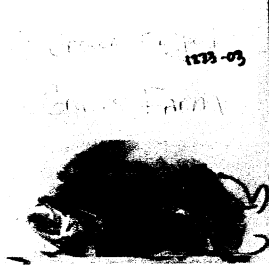
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Batch Number: N/A
Harvest/Process Date: N/A



Heavy Metals

Analysis Date: 10/14/2019 Analyzed By: QCANN Laboratory Ref Method: EPS

Compound	Conc. In Sample (µg/kg)	Action	
		Level* (µg/kg)	Pass
Arsenic (As)	ND	400	Yes
Cadmium (Cd)	ND	440	Yes
Lead (Pb)	ND	1000	Yes
Mercury (Hg)	ND	200	Yes

*Action Levels based on levels listed in Title 310 Chapter 681 Medical Marijuana Control Program