

Sample Name: Killer Queen Redux
 Tested for: Emerald Cup 2016
 Sample ID: 161121Q028
 Date Submitted: 11/21/2016
 Sample Type: Flower

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

Cannabinoid Summary

Total THC	Δ9THC+THCa	16.15 %
Total Potential Δ9THC	142.1 mg/g	14.21 %
Total CBD	CBD+CBDA	0.03 %
Total Potential CBD	0.3 mg/g	0.03 %

Full Cannabinoid Profile

THC	0.38 %
THCa	15.77 %
CBD	0.0 %
CBDA	0.03 %
CBN	0.0 %
CBDV	0.0 %
CBDVa	0.0 %
CBG	0.12 %
CBGa	0.42 %
THCV	0.0 %
Δ8 - THC	0.0 %
CBC	0.0 %

Total Active Cannabinoids: 16.18 %

Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry.

	Reporting Limit
Acequinocyl	ND
Abamectin	ND
Bifenazate	ND
Daminozide	ND
Fenoxycarb	ND
Imidacloprid	ND
Myclobutanil	ND
Pacllobutrazol	ND
Pyrethrins	ND
Spinosad	ND
Spiromesifen	ND
Spirotetramat	ND

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	1270000 cfu/g	E.coli	ND
Pseudomonas	ND	Coliforms	<100 cfu/g
Total Aerobic Plate Count	2000 cfu/g	Salmonella	ND

Terpene Test Results

Terpene Analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g / %		mg/g / %
α Bisabolol	0.15 / 0.015	α Terpinene	0.00 / 0.000
α Pinene	0.25 / 0.025	Linalool	0.53 / 0.053
3 Carene	0.00 / 0.000	Limonene	2.89 / 0.289
Borneol	0.03 / 0.003	Myrcene	2.27 / 0.227
β Caryophyllene	2.11 / 0.211	Fenchol	0.12 / 0.012
Geraniol	0.00 / 0.000	α Phellandrene	0.00 / 0.000
α Humulene	0.73 / 0.073	Caryophyllene Oxide	0.16 / 0.016
Terpinolene	0.00 / 0.000	Terpineol	0.20 / 0.020
Valencene	0.01 / 0.001	β Pinene	0.43 / 0.043
Menthol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Nerolidol	0.18 / 0.018	Geranyl Acetate	0.00 / 0.000
Camphene	0.06 / 0.006	Citronellol	0.00 / 0.000
Eucalyptol	0.00 / 0.000	p-Cymene	0.00 / 0.000
α Cedrene	0.07 / 0.007	Ocimene	0.00 / 0.000
Camphor	0.00 / 0.000	Guaiol	0.45 / 0.045
(-)-Isopulegol	0.00 / 0.000	Phytol	0.23 / 0.023
Sabinene	0.00 / 0.000	Isoborneol	0.00 / 0.000

Total Terpene Concentration: 10.87 mg/g / 1.087 %

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

Propane	N/A	Ethanol	N/A
Methanol	N/A	Isopropanol	N/A
Isobutane	N/A	Mercaptan	N/A
2,2-Dimethylbutane	N/A	2-Methylpentane	N/A
3-Methylpentane	N/A	Cyclohexane + Benzene	N/A
Isopentane	N/A	Neopentane	N/A
n Butane	N/A	n Heptane	N/A
n Hexane	N/A	n Pentane	N/A

Sample Certification



Scan to verify at sclabs.com

This sample has been tested by SC Labs and the results are valid until the expiration date shown.

Josh Wurzer
 Josh Wurzer, President