

Sample Name: Killer Queen Reduk
 Tested for: Emerald Cup 2016
 Sample ID: 161202H091
 Date Submitted: 12/02/2016
 Sample Type: Wax

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

Cannabinoid Summary

Total THC	Δ^9 THC+THCa	75.32 %
Total Potential Δ^9 THC	664.6 mg/g	66.46 %
Total CBD	CBD+CBDA	0.19 %
Total Potential CBD	1.7 mg/g	0.17 %

Full Cannabinoid Profile

THC	3.19 %
THCa	72.14 %
CBD	0.0 %
CBDa	0.19 %
CBN	0.0 %
CBDV	0.0 %
CBDVa	0.0 %
CBG	0.36 %
CBGa	1.9 %
THCV	0.04 %
Δ^8 - THC	0.0 %
CBC	0.05 %

Total Active Cannabinoids: 75.51 %

Pesticide Test Results

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

	Reporting Limit
Acequinocyl	ND
Abamectin	ND
Bifenazate	0.25
Daminozide	ND
Fenoxycarb	0.1
Imidacloprid	0.5
Myclobutanil	ND
Paclbutrazol	0.1
Pyrethrins	0.2
Spinosad	0.1
Spiromesifen	0.24 ppm
Spirotetramat	ND

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	<1,000 cfu/g	E.coli	ND
Pseudomonas	ND	Coliforms	<100 cfu/g
Total Aerobic Plate Count	<1,000 cfu/g	Salmonella	ND

Terpene Test Results

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

	mg/g / %		mg/g / %
α Bisabolol	1.04 / 0.104	α Terpinene	0.00 / 0.000
α Pinene	0.79 / 0.079	Linalool	2.91 / 0.291
3 Carene	0.00 / 0.000	Limonene	12.80 / 1.280
Borneol	0.21 / 0.021	Myrcene	6.43 / 0.643
β Caryophyllene	10.17 / 1.017	Fenchol	0.76 / 0.076
Geraniol	0.00 / 0.000	α Phellandrene	0.00 / 0.000
α Humulene	3.67 / 0.367	Caryophyllene Oxide	1.15 / 0.115
Terpinolene	0.11 / 0.011	Terpineol	1.24 / 0.124
Valencene	0.03 / 0.003	β Pinene	1.59 / 0.159
Menthol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Nerolidol	1.19 / 0.119	Geranyl Acetate	0.00 / 0.000
Camphene	0.19 / 0.019	Citronellol	0.00 / 0.000
Eucalyptol	0.00 / 0.000	p-Cymene	0.00 / 0.000
α Cedrene	0.37 / 0.037	Ocimene	0.00 / 0.000
Camphor	0.00 / 0.000	Guaiol	2.29 / 0.229
(-)-Isopulegol	0.00 / 0.000	Phytol	0.45 / 0.045
Sabinene	0.00 / 0.000	Isoborneol	0.00 / 0.000

Total Terpene Concentration: 47.39 mg/g / 4.739 %

Residual Solvent Test Results

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

Propane	ND	Ethanol	17.0524431867 p
Methanol	ND	Isopropanol	ND
Isobutane	ND	Mercaptan	ND
2,2-Dimethylbutane	ND	2-Methylpentane	ND
3-Methylpentane	ND	Cyclohexane + Benzene	ND
Isopentane	ND	Neopentane	ND
n Butane	ND	n Heptane	ND
n Hexane	ND	n Pentane	ND

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