



Certificate of Analysis

Sample Name: Emerald OG *Regular Curing Method*
Tested for: Exhale Med Center
Sample ID: 170412T122
Date Submitted: 04/13/2017
Sample Type: Indica

Control

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

Cannabinoid Summary

Total THC	$\Delta^9\text{THC} + \text{THCa}$	26.20 %
Total Potential $\Delta^9\text{THC}$	230.27 mg/g	23.03 %
Total CBD	CBD + CBDa	0.06 %
Total Potential CBD	0.57 mg/g	0.06 %

Full Cannabinoid Profile

THC	0.39 %
THCa	25.81 %
CBD	0.00 %
CBDa	0.06 %
CBN	0.00 %
CBDV	0.00 %
CBDVa	0.00 %
CBG	0.08 %
CBGa	1.24 %
THCV	0.00 %
Δ^8 - THC	0.00 %
CBC	0.00 %

Total Active Cannabinoids: *Control $\Rightarrow$* 27.58 %

Pesticide Test Results

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

Acequinocyl	N/A
Abamectin	N/A
Bifenazate	N/A
Daminozide	N/A
Fenoxycarb	N/A
Imidacloprid	N/A
Myclobutanil	N/A
Paclobutrazol	N/A
Pyrethrins	N/A
Spinosad	N/A
Spiromesifen	N/A
Spirotetramat	N/A

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	N/A	E.coli	N/A
Pseudomonas	N/A	Coliforms	N/A
Total Aerobic Plate Count	N/A	Salmonella	N/A

Terpene Test Results

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

	mg/g / %		mg/g / %
α Bisabolol	N/A	α Terpinene	N/A
α Pinene	N/A	Linalool	N/A
3 Carene	N/A	Limonene	N/A
Borneol	N/A	Myrcene	N/A
β Caryophyllene	N/A	Fenchol	N/A
Geraniol	N/A	α Phellandrene	N/A
α Humulene	N/A	Caryophyllene Oxide	N/A
Terpinolene	N/A	Terpineol	N/A
Valencene	N/A	β Pinene	N/A
Menthol	N/A	R-(+)-Pulegone	N/A
Nerolidol	N/A	Geranyl Acetate	N/A
Camphene	N/A	Citronellol	N/A
Eucalyptol	N/A	p-Cymene	N/A
α Cedrene	N/A	Ocimene	N/A
Camphor	N/A	Guaiol	N/A
(-)-Isopulegol	N/A	Phytol	N/A
Sabinene	N/A	Isoborneol	N/A

Total Terpene Concentration: N/A

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



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

Josh Wurzer
Josh Wurzer, President



Certificate of Analysis

Sample Name: Emerald OG Auto Cure Machine (Sample #1)
Tested for: Exhale Med Center
Sample ID: 170412T138
Date Submitted: 04/13/2017
Sample Type: Flower

Auto Cure #1

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

Cannabinoid Summary

Total THC	$\Delta^9\text{THC} + \text{THCa}$	29.45 %
Total Potential $\Delta^9\text{THC}$	258.86 mg/g	25.89 %
Total CBD	CBD + CBDa	0.07 %
Total Potential CBD	0.65 mg/g	0.07 %

Full Cannabinoid Profile

THC	0.44 %
THCa	29.01 %
CBD	0.00 %
CBDa	0.07 %
CBN	0.00 %
CBDV	0.00 %
CBDVa	0.00 %
CBG	0.09 %
CBGa	1.23 %
THCV	0.00 %
Δ^8 - THC	0.00 %
CBC	0.00 %

Total Active Cannabinoids: 30.84 %

Pesticide Test Results

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

Acequinocyl	N/A
Abamectin	N/A
Bifenazate	N/A
Daminozide	N/A
Fenoxycarb	N/A
Imidacloprid	N/A
Myclobutanil	N/A
Paclobutrazol	N/A
Pyrethrins	N/A
Spinosad	N/A
Spiromesifen	N/A
Spirotetramat	N/A

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	N/A	E.coli	N/A
Pseudomonas	N/A	Coliforms	N/A
Total Aerobic Plate Count	N/A	Salmonella	N/A

Terpene Test Results

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

	mg/g / %		mg/g / %
α Bisabolol	N/A	α Terpinene	N/A
α Pinene	N/A	Linalool	N/A
3 Carene	N/A	Limonene	N/A
Borneol	N/A	Myrcene	N/A
β Caryophyllene	N/A	Fenchol	N/A
Geraniol	N/A	α Phellandrene	N/A
α Humulene	N/A	Caryophyllene Oxide	N/A
Terpinolene	N/A	Terpineol	N/A
Valencene	N/A	β Pinene	N/A
Menthol	N/A	R-(+)-Pulegone	N/A
Nerolidol	N/A	Geranyl Acetate	N/A
Camphene	N/A	Citronellol	N/A
Eucalyptol	N/A	p-Cymene	N/A
α Cedrene	N/A	Ocimene	N/A
Camphor	N/A	Guaiol	N/A
(-)-Isopulegol	N/A	Phytol	N/A
Sabinene	N/A	Isoborneol	N/A

Total Terpene Concentration:

N/A

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

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Certificate of Analysis

Sample Name: Emerald OG Auto Cure Machine (Sample #2)
Tested for: Exhale Med Center
Sample ID: 170412T139
Date Submitted: 04/13/2017
Sample Type: Flower

Auto Cure #2

Total Sample Weight: 1 Gram

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

Cannabinoid Summary

Total THC	$\Delta^9\text{THC} + \text{THCa}$	29.63 %
Total Potential $\Delta^9\text{THC}$	260.42 mg/g	26.04 %
Total CBD	CBD + CBDa	0.08 %
Total Potential CBD	0.69 mg/g	0.07 %

Full Cannabinoid Profile

THC	0.43 %
THCa	29.20 %
CBD	0.00 %
CBDa	0.08 %
CBN	0.00 %
CBDV	0.00 %
CBDVa	0.00 %
CBG	0.08 %
CBGa	1.27 %
THCV	0.00 %
Δ^8 - THC	0.01 %
CBC	0.00 %

Total Active Cannabinoids: 31.07 %

Pesticide Test Results

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

Acequinocyl	N/A
Abamectin	N/A
Bifenazate	N/A
Daminozide	N/A
Fenoxycarb	N/A
Imidacloprid	N/A
Myclobutanil	N/A
Paclobutrazol	N/A
Pyrethrins	N/A
Spinosad	N/A
Spiromesifen	N/A
Spirotetramat	N/A

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	N/A	E.coli	N/A
Pseudomonas	N/A	Coliforms	N/A
Total Aerobic Plate Count	N/A	Salmonella	N/A

Terpene Test Results

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

	mg/g / %		mg/g / %
α Bisabolol	N/A	α Terpinene	N/A
α Pinene	N/A	Linalool	N/A
3 Carene	N/A	Limonene	N/A
Borneol	N/A	Myrcene	N/A
β Caryophyllene	N/A	Fenchol	N/A
Geraniol	N/A	α Phellandrene	N/A
α Humulene	N/A	Caryophyllene Oxide	N/A
Terpinolene	N/A	Terpineol	N/A
Valencene	N/A	β Pinene	N/A
Menthol	N/A	R-(+)-Pulegone	N/A
Nerolidol	N/A	Geranyl Acetate	N/A
Camphene	N/A	Citronellol	N/A
Eucalyptol	N/A	p-Cymene	N/A
α Cedrene	N/A	Ocimene	N/A
Camphor	N/A	Guaiol	N/A
(-)-Isopulegol	N/A	Phytol	N/A
Sabinene	N/A	Isoborneol	N/A

Total Terpene Concentration:

N/A

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

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