

CERTIFICATE OF ANALYSIS



Juniper Analytics, LLC
 1334 NE 2nd Street, Bend, OR, 97701
 541.382.3796
 ORELAP: 4101-001 / OLCC: 10035537931

Client Name: Brandon
 Contact Info: Lemon Cake 300mg
 Sample Type: 18JA2154.03
 External Batch ID: NA
 Harvest/Prod. Date: Concentrate
 Sample ID: LMC-8349
 METRC ID: 43441
 Juniper Batch #: **Personal**
 Intake Date: **12/13/2018**

NOT FOR COMPLIANCE



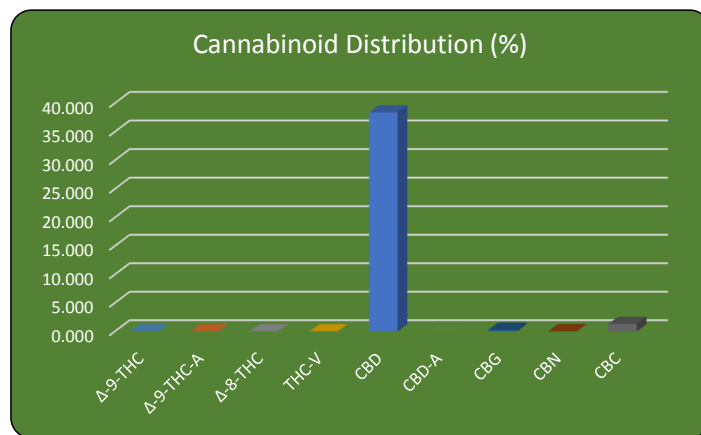
Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: 12/11/2018

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ * (mg/g)
Δ-9-THC	< LOQ	< LOQ	2.00
Δ-9-THC-A	< LOQ	< LOQ	2.00
Δ-8-THC	< LOQ	< LOQ	2.00
THC-V	< LOQ	< LOQ	2.00
CBD	38.352	383.52	2.00
CBD-A	< LOQ	< LOQ	2.00
CBG	0.272	2.72	2.00
CBN	< LOQ	< LOQ	2.00
CBC	1.280	12.80	2.00



TOTAL THC/CBD	Weight (%)	Conc (mg/g)
THC Total =	<LOQ	<LOQ

THC_{Total} = (THC-A * 0.877) + Δ9THC

CBD Total =	38.352	383.52
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CBD_{Total} = (CBD-A * 0.877) + CBD

* < LOQ - Less than the Limit of Quantification

Residual Solvent Analysis (Oregon Compliance Standard OAR 333-007-0410)

Solvent	Result (ppm)	Action Level / LOQ (ppm)
1,4-Dioxane		380 / 100
2-Butanol		5000 / 500
2-Ethoxyethanol		160 / 100
2-Propanol (IPA)		5000 / 500
Acetone		5000 / 500
Acetonitrile		410 / 100
Benzene		2 / 1
Cumene		70 / 50
Cyclohexane		3880 / 500
Dichloromethane		600 / 100
Ethyl acetate		5000 / 500
Ethyl ether		5000 / 500
Ethylene glycol		620 / 100
Ethylene oxide		50 / 10
Heptane		5000 / 500
Isopropyl acetate		5000 / 500
Methanol		3000 / 500
Propane		5000 / 500
Tetrahydrofuran		720 / 100
Toluene		890 / 100

Instrument: GC/MS Method: USP 467 - Modified

Solvent	Result (ppm)	Action Level / LOQ (ppm)
Pentanes;		5000 / 500
-n-pentane		**
-iso-pentane		**
-neo-pentane		**
Butanes;		5000 / 500
-n-butane		**
-iso-butane		**
Hexanes;		290 / 50
-n-hexane		**
-2-methylpentane		**
-3-methylpentane		**
-2,2-dimethylbutane		**
-2,3-dimethylbutane		**
Xylenes;		2170 / 300
-1,2-dimethylbenzene		**
-1,3-dimethylbenzene		**
-1,4-dimethylbenzene		**
-Ethyl benzene		**

**Limit based on combined results

Residual Solvents N/A

Tentatively Identified Compounds: N/A

<LOQ - Less than the Limit of Quantification

APPROVAL

[Signature]

Report Date: 12/13/2018

QA Review



Juniper Batch #:	Personal
Intake Date:	12/13/2018

Pesticide Analysis (Oregon Compliance Standard OAR 333-007-0400)

ANALYSIS DATE: Not Tested			Instrument: LC/MS/MS		Method: AOAC 2007.1-Mod
Pesticide	Result (ppm)	Action Level / LOQ (ppm)	Pesticide	Result (ppm)	Action Level / LOQ (ppm)
Abamectin		0.5 / 0.25	Imazalil		0.2 / 0.10
Acephate		0.4 / 0.20	Imidacloprid		0.4 / 0.20
Acequinocyl		2.0 / 1.00	Kresoxim-methyl		0.4 / 0.20
Acetamiprid		0.2 / 0.10	Malathion		0.2 / 0.10
Aldicarb		0.4 / 0.20	Metalaxyl		0.2 / 0.10
Azoxystrobin		0.2 / 0.10	Methiocarb		0.2 / 0.10
Bifenazate		0.2 / 0.10	Methomyl		0.4 / 0.20
Bifenthrin		0.2 / 0.10	Methyl Parathion		0.2 / 0.10
Boscalid		0.4 / 0.20	MGK-264		0.2 / 0.10
Carbaryl		0.2 / 0.10	Myclobutanil		0.2 / 0.10
Carbofuran		0.2 / 0.10	Naled		0.5 / 0.25
Chlorantraniliprole		0.2 / 0.10	Oxamyl		1.0 / 0.50
Chlorfenapyr		1.0 / 0.50	Paclobutrazol		0.4 / 0.20
Chlorpyrifos		0.2 / 0.10	Permethrins		0.2 / 0.10
Clofentezine		0.2 / 0.10	Phosmet		0.2 / 0.10
Cyfluthrin		1.0 / 0.50	Piperonyl butoxide		2.0 / 1.00
Cypermethrin		1.0 / 0.50	Prallethrin		0.2 / 0.10
Daminozide		1.0 / 0.50	Propiconazole		0.4 / 0.20
DDVP (Dichlorvos)		1.0 / 0.50	Propoxur		0.2 / 0.10
Diazinon		0.2 / 0.10	Pyrethrins		1.0 / 0.50
Dimethoate		0.2 / 0.10	Pyridaben		0.2 / 0.10
Ethoprophos		0.2 / 0.10	Spinosad		0.2 / 0.10
Etofenprox		0.4 / 0.20	Spiromesifen		0.2 / 0.10
Etoxazole		0.2 / 0.10	Spirotetramat		0.2 / 0.10
Fenoxycarb		0.2 / 0.10	Spiroxamine		0.4 / 0.20
Fenpyroximate		0.4 / 0.20	Tebuconazole		0.4 / 0.20
Fipronil		0.4 / 0.20	Thiacloprid		0.2 / 0.10
Flonicamid		1.0 / 0.50	Thiamethoxam		0.2 / 0.10
Fludioxonil		0.4 / 0.20	Trifloxystrobin		0.2 / 0.10
Hexythiazox		1.0 / 0.50			
Pesticide Screen	N/A				

*LOQ = Limit of Quantification

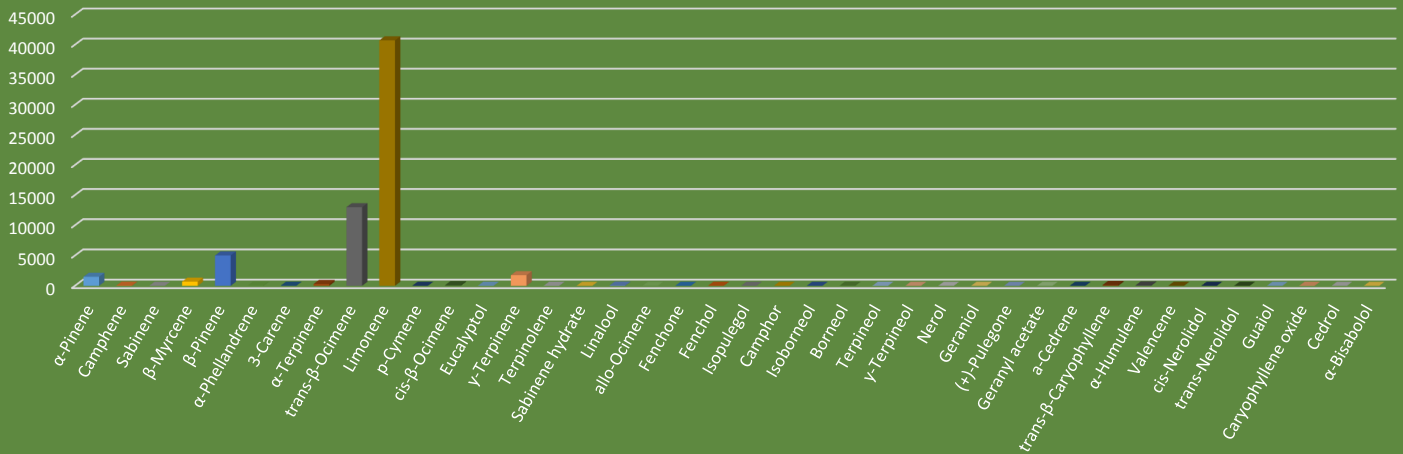
Microbiological Contaminants (Oregon Compliance Standard OAR 333-007-0390)

ANALYSIS DATE: Not Tested			
Microbiological screening	Colony count	CFU/g	Results:
Total coliforms	Not tested	Not tested	N/A
<i>Escherichia coli (E. coli)</i>	Not tested	Not tested	N/A

Terpene Profile

ANALYSIS DATE: 12/13/2018			Instrument: GC/MS		Method: JA-Terpene-Proprietary	
Compound	µg/g	%	Compound	µg/g	%	
α-Pinene	1489.87	0.149	Isopulegol	0.00	0.000	
Camphene	37.55	0.004	Camphor	0.00	0.000	
Sabinene	0.00	0.000	Isoborneol	0.00	0.000	
β-Myrcene	693.18	0.069	Borneol	9.47	0.001	
β-Pinene	5014.80	0.501	Terpineol	13.78	0.001	
α-Phellandrene	23.49	0.002	γ-Terpineol	0.00	0.000	
3-Carene	19.55	0.002	Nerol	0.00	0.000	
α-Terpinene	300.11	0.030	Geraniol	0.00	0.000	
trans-β-Ocimene	13007.46	1.301	(+)-Pulegone	0.00	0.000	
Limonene	40731.54	4.073	Geranyl acetate	0.00	0.000	
p-Cymene	0.00	0.000	α-Cedrene	0.00	0.000	
cis-β-Ocimene	115.91	0.012	trans-β-Caryophyllene	132.15	0.013	
Eucalyptol	15.64	0.002	α-Humulene	69.76	0.007	
γ-Terpinene	1760.19	0.176	Valencene	0.00	0.000	
Terpinolene	20.13	0.002	cis-Nerolidol	0.00	0.000	
Sabinene hydrate	0.00	0.000	trans-Nerolidol	0.00	0.000	
Linalool	40.15	0.004	Guaiol	0.00	0.000	
allo-Ocimene	0.00	0.000	Caryophyllene oxide	11.84	0.001	
Fenchone	4.18	0.000	Cedrol	0.00	0.000	
Fenchol	10.97	0.001	α-Bisabolol	0.00	0.000	
			TOTAL	63521.71	6.352	

Terpene Levels (µg/g)



Batch QC WorkGroup ID:

Potency PO-2018-12-10-01

Residual Solvents

Pesticide

Disclaimer

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