

CERTIFICATE OF ANALYSIS



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

Client Name: Sun God Medicinals
 Contact Info: Brie
 Sample Type: Concentrate
 Sample ID: Moonshine
 METRC ID: 1A4010300004FB2000001402
 Juniper Batch #: 17JA5208.11-17JA5208.12-Composite
 Intake Date: 7/17/2017

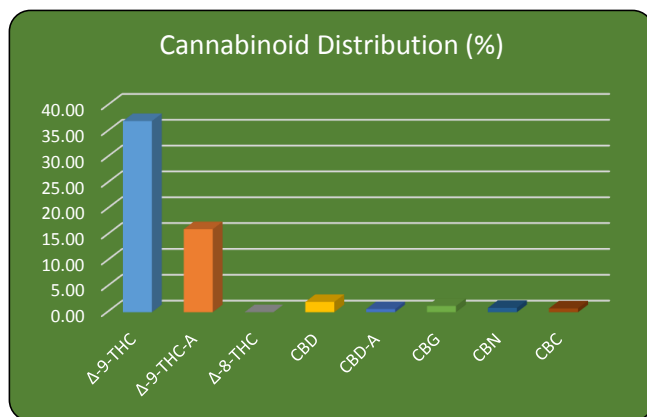


Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: See Individual Results

Instrument: HPLC/DAD
 Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	36.98	369.79	0.08
Δ-9-THC-A	16.04	160.44	0.07
Δ-8-THC	<LOQ	<LOQ	0.06
CBD	1.99	19.85	0.09
CBD-A	0.59	5.92	0.31
CBG	1.20	11.97	0.07
CBN	0.83	8.30	0.16
CBC	0.73	7.32	0.14



TOTAL THC/CBD	Weight (%)	Conc (mg/g)	RPD
% THC Total =	51.05	510.5	1.31%
$\%THC_{Total} = (THC-A * 0.877) + \Delta 9THC + \Delta 8THC$			PASS
% CBD Total =	2.50	25.0	
$\%CBD_{Total} = (CBD-A * 0.877) + CBD$			

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

ANALYSIS DATE: See Individual Results

Instrument: GC/MS
 Method: USP 467 - Modified

Residual Solvent	Average Result (ppm)	RPD	Residual Solvent	Average Result (ppm)	RPD
1,4-Dioxane	*	N/A	Pentanes;	*	N/A
2-Ethoxyethanol	*	N/A	-n-pentane	*	**
Acetone	*	N/A	-iso-pentane	*	**
Acetonitrile	*	N/A	-neo-pentane	*	**
Benzene	*	N/A	Butanes;	*	N/A
Cumene	*	N/A	-n-butane	*	**
Cyclohexane	*	N/A	-iso-butane	*	**
Dichloromethane	*	N/A	Hexanes;	*	N/A
Ethyl acetate	*	N/A	-n-hexane	*	**
Ethyl ether	*	N/A	-2-methylpentane	*	**
Ethylene glycol	*	N/A	-3-methylpentane	*	**
Ethylene oxide	*	N/A	-2,2-dimethylbutane	*	**
Heptane	*	N/A	-2,3-dimethylbutane	*	**
Isopropyl acetate	*	N/A	Xylenes;	*	N/A
Methanol	*	N/A	-1,2-dimethylbenzene	*	**
Propane	*	N/A	-1,3-dimethylbenzene	*	**
Tetrahydrofuran	*	N/A	-1,4-dimethylbenzene	*	**
Toluene	*	N/A	-Ethyl benzene	*	**
Residual Solvents			**RPD calculated for combined results		
PASS					

Tentatively Identified Compounds: See Individual Results

*N.D. - Compound Not Detected, or

*< LOQ - Less than the Limit of Quantification (Compound detected, but less than limit of quantification)

Approval

[Signature]

QA Review

Report Date: 7/24/2017



Juniper Batch #: I5208.11-17JA5208.12-Compo

Intake Date: 7/17/2017

Pesticide Analysis (Oregon Compliance Standard OAR 333-008-1190)

ANALYSIS DATE:			See Individual Results			Instrument: LC/MS/MS			Method: AOAC 2007.1 ^{modified}		
Pesticide	Result (ppm)	Action Level / LOQ (ppm)		Pesticide	Result (ppm)	Action Level / LOQ (ppm)					
Abamectin	<LOQ	0.5 / 0.05		Imazalil	<LOQ	0.2 / 0.02					
Acephate	<LOQ	0.4 / 0.04		Imidacloprid	<LOQ	0.4 / 0.04					
Acequinocyl	<LOQ	2.0 / 0.20		Kresoxim-methyl	<LOQ	0.4 / 0.04					
Acetamiprid	<LOQ	0.2 / 0.02		Malathion	<LOQ	0.2 / 0.02					
Aldicarb	<LOQ	0.4 / 0.04		Metalaxyl	<LOQ	0.2 / 0.02					
Azoxystrobin	<LOQ	0.2 / 0.02		Methiocarb	<LOQ	0.2 / 0.02					
Bifenazate	<LOQ	0.2 / 0.02		Methomyl	<LOQ	0.4 / 0.04					
Bifenthrin	<LOQ	0.2 / 0.02		Methyl Parathion	<LOQ	0.2 / 0.02					
Boscalid	<LOQ	0.4 / 0.04		MGK-264	<LOQ	0.2 / 0.02					
Carbaryl	<LOQ	0.2 / 0.02		Myclobutanil	<LOQ	0.2 / 0.02					
Carbofuran	<LOQ	0.2 / 0.02		Naled	<LOQ	0.5 / 0.05					
Chlorantraniliprole	<LOQ	0.2 / 0.02		Oxamyl	<LOQ	1.0 / 0.10					
Chlorfenapyr	<LOQ	1.0 / 0.10		Paclobutrazol	<LOQ	0.4 / 0.04					
Chlorpyrifos	<LOQ	0.2 / 0.02		Permethrins	<LOQ	0.2 / 0.02					
Clofentezine	<LOQ	0.2 / 0.02		Phosmet	<LOQ	0.2 / 0.02					
Cyfluthrin	<LOQ	1.0 / 0.10		Piperonyl butoxide	<LOQ	2.0 / 0.20					
Cypermethrin	<LOQ	1.0 / 0.10		Prallethrin	<LOQ	0.2 / 0.02					
Daminozide	<LOQ	1.0 / 0.10		Propiconazole	<LOQ	0.4 / 0.04					
DDVP (Dichlorvos)	<LOQ	1.0 / 0.10		Propoxur	<LOQ	0.2 / 0.02					
Diazinon	<LOQ	0.2 / 0.02		Pyrethrins	<LOQ	1.0 / 0.10					
Dimethoate	<LOQ	0.2 / 0.02		Pyridaben	<LOQ	0.2 / 0.02					
Ethoprophos	<LOQ	0.2 / 0.02		Spinosad	<LOQ	0.2 / 0.02					
Etofenprox	<LOQ	0.4 / 0.04		Spiromesifen	<LOQ	0.2 / 0.02					
Etoxazole	<LOQ	0.2 / 0.02		Spirotetramat	<LOQ	0.2 / 0.02					
Fenoxycarb	<LOQ	0.2 / 0.02		Spiroxamine	<LOQ	0.4 / 0.04					
Fenpyroximate	<LOQ	0.4 / 0.04		Tebuconazole	<LOQ	0.4 / 0.04					
Fipronil	<LOQ	0.4 / 0.04		Thiacloprid	<LOQ	0.2 / 0.02					
Fonicamid	<LOQ	1.0 / 0.10		Thiamethoxam	<LOQ	0.2 / 0.02					
Fludioxonil	<LOQ	0.4 / 0.04		Trifloxystrobin	<LOQ	0.2 / 0.02					
Hexythiazox	<LOQ	1.0 / 0.01									
Pesticide Screen	PASS										

ND = Not Detected



Juniper Batch #: 15208.11-17JA5208.12-Compo

Intake Date: 7/17/2017

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
Esherichia coli (E-coli)	Not tested	Not tested	N/A

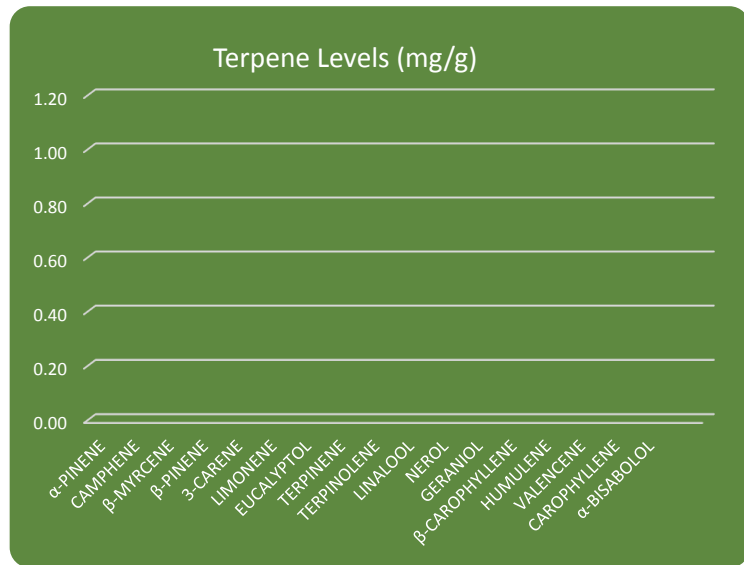
Terpene Profile

ANALYSIS DATE: Not Tested

Instrument: ThermoSci ISQ LT Trace 1300 GC/FID/MS

Method: JA-Terpene-Proprietary

Compound	µg/g	%
α-PINENE		
CAMPHENE		
β-MYRCENE		
β-PINENE		
3-CARENE		
LIMONENE		
EUCALYPTOL		
TERPINENE		
TERPINOLENE		
LINALOOL		
NEROL		
GERANIOL		
β-CAROPHYLLENE		
HUMULENE		
VALENCENE		
CAROPHYLLENE		
α-BISABOLOL		



Batch QC WorkGroup ID:

Potency See Individual Results

Residual Solvents See Individual Results

Pesticides See Individual Results

Disclaimer

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