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:	Grapefruit Sativa Concentrate Cannabis
METRC ID:	1A4010300004FB2000003068
Juniper Batch #:	18JA0272.01-18JA0272.02-Composite
Intake Date:	2/19/2018

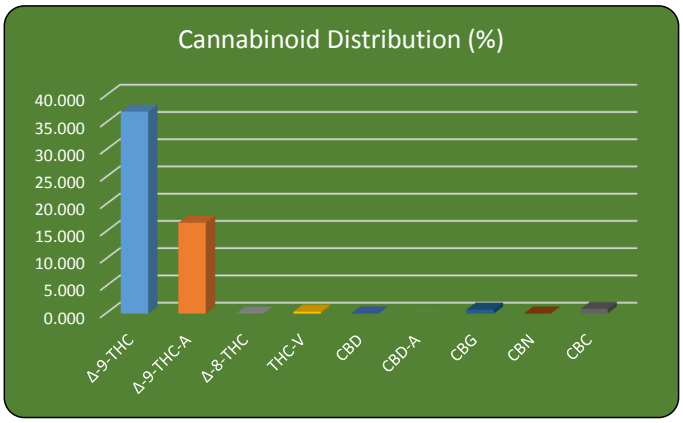
Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: See Individual Results

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

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	37.038	370.38	4.68
Δ-9-THC-A	16.648	166.48	5.46
Δ-8-THC	<LOQ	<LOQ	3.12
THC-V	0.356	3.56	3.12
CBD	<LOQ	<LOQ	3.12
CBD-A	<LOQ	<LOQ	3.12
CBG	0.698	6.98	3.12
CBN	<LOQ	<LOQ	3.12
CBC	0.845	8.45	3.12

TOTAL THC/CBD	Weight (%)	Conc (mg/g)	RPD
% THC Total =	51.638	516.38	1.95%
$\%THC_{Total = (THC\text{-}A * 0.877)+\Delta 9THC}$			PASS
% CBD Total =	<LOQ	<LOQ	
$\%CBD_{Total = (CBD\text{-}A * 0.877) +CBD}$			



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

ANALYSIS DATE: See Individual Results

Instrument: GC/MS
Method: USP 467 - Modified

Solvent	Result (ppm)	RPD
1,4-Dioxane	*	N/A
2-Butanol	*	N/A
2-Ethoxyethanol	*	N/A
2-Propanol (IPA)	*	N/A
Acetone	*	N/A
Acetonitrile	*	N/A
Benzene	*	N/A
Cumene	*	N/A
Cyclohexane	*	N/A
Dichloromethane	*	N/A
Ethyl acetate	*	N/A
Ethyl ether	*	N/A
Ethylene glycol	*	N/A
Ethylene oxide	*	N/A
Heptane	*	N/A
Isopropyl acetate	*	N/A
Methanol	*	N/A
Propane	*	N/A
Tetrahydrofuran	*	N/A
Toluene	*	N/A

Solvent	Result (ppm)	RPD
Pentanes;	*	N/A
-n-pentane	*	**
-iso-pentane	*	**
-neo-pentane	*	**
Butanes;	*	N/A
-n-butane	*	**
-iso-butane	*	**
Hexanes;	*	N/A
-n-hexane	*	**
-2-methylpentane	*	**
-3-methylpentane	*	**
-2,2-dimethylbutane	*	**
-2,3-dimethylbutane	*	**
Xylenes;	*	N/A
-1,2-dimethylbenzene	*	**
-1,3-dimethylbenzene	*	**
-1,4-dimethylbenzene	*	**
-Ethyl benzene	*	**
**RPD calculated for combined results		

Residual Solvents PASS

Tentatively Identified Compounds: Peak 1: Hits: Ethanol, Peak 2: Hit: 2,3-butanediol

N.D. - Compound Not Detected, or

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

****Largest hit reported to appropriate governing body; RPD only calculated on samples where the average result is above 50% of the action level.**

Approval

QA Review

Report Date: 2/23/2018

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INTEGRITY AND ACCURACY IN EVERY STEP

Juniper Batch #:	\0272.01-18JA0272.02-Compo
Intake Date:	2/19/2018

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 / 0.25	Imazalil	<LOQ	0.2 / 0.10
Acephate	<LOQ	0.4 / 0.20	Imidacloprid	<LOQ	0.4 / 0.20
Acequinocyl	<LOQ	2.0 / 1.00	Kresoxim-methyl	<LOQ	0.4 / 0.20
Acetamiprid	<LOQ	0.2 / 0.10	Malathion	<LOQ	0.2 / 0.10
Aldicarb	<LOQ	0.4 / 0.20	Metalaxyl	<LOQ	0.2 / 0.10
Azoxystrobin	<LOQ	0.2 / 0.10	Methiocarb	<LOQ	0.2 / 0.10
Bifenazate	<LOQ	0.2 / 0.10	Methomyl	<LOQ	0.4 / 0.20
Bifenthrin	<LOQ	0.2 / 0.10	Methyl Parathion	<LOQ	0.2 / 0.10
Boscalid	<LOQ	0.4 / 0.20	MGK-264	<LOQ	0.2 / 0.10
Carbaryl	<LOQ	0.2 / 0.10	Myclobutanil	<LOQ	0.2 / 0.10
Carbofuran	<LOQ	0.2 / 0.10	Naled	<LOQ	0.5 / 0.25
Chlorantraniliprole	<LOQ	0.2 / 0.10	Oxamyl	<LOQ	1.0 / 0.50
Chlorfenapyr	<LOQ	1.0 / 0.50	Paclobutrazol	<LOQ	0.4 / 0.20
Chlorpyrifos	<LOQ	0.2 / 0.10	Permethrins	<LOQ	0.2 / 0.10
Clofentezine	<LOQ	0.2 / 0.10	Phosmet	<LOQ	0.2 / 0.10
Cyfluthrin	<LOQ	1.0 / 0.50	Piperonyl butoxide	<LOQ	2.0 / 1.00
Cypermethrin	<LOQ	1.0 / 0.50	Prallethrin	<LOQ	0.2 / 0.10
Daminozide	<LOQ	1.0 / 0.50	Propiconazole	<LOQ	0.4 / 0.20
DDVP (Dichlorvos)	<LOQ	1.0 / 0.50	Propoxur	<LOQ	0.2 / 0.10
Diazinon	<LOQ	0.2 / 0.10	Pyrethrins	<LOQ	1.0 / 0.50
Dimethoate	<LOQ	0.2 / 0.10	Pyridaben	<LOQ	0.2 / 0.10
Ethoprophos	<LOQ	0.2 / 0.10	Spinosad	<LOQ	0.2 / 0.10
Etofenprox	<LOQ	0.4 / 0.20	Spiromesifen	<LOQ	0.2 / 0.10
Etoxazole	<LOQ	0.2 / 0.10	Spirotetramat	<LOQ	0.2 / 0.10
Fenoxycarb	<LOQ	0.2 / 0.10	Spiroxamine	<LOQ	0.4 / 0.20
Fenpyroximate	<LOQ	0.4 / 0.20	Tebuconazole	<LOQ	0.4 / 0.20
Fipronil	<LOQ	0.4 / 0.20	Thiacloprid	<LOQ	0.2 / 0.10
Flonicamid	<LOQ	1.0 / 0.50	Thiamethoxam	<LOQ	0.2 / 0.10
Fludioxonil	<LOQ	0.4 / 0.20	Trifloxystrobin	<LOQ	0.2 / 0.10
Hexythiazox	<LOQ	1.0 / 0.50			
Pesticide Screen	**PASS**				

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

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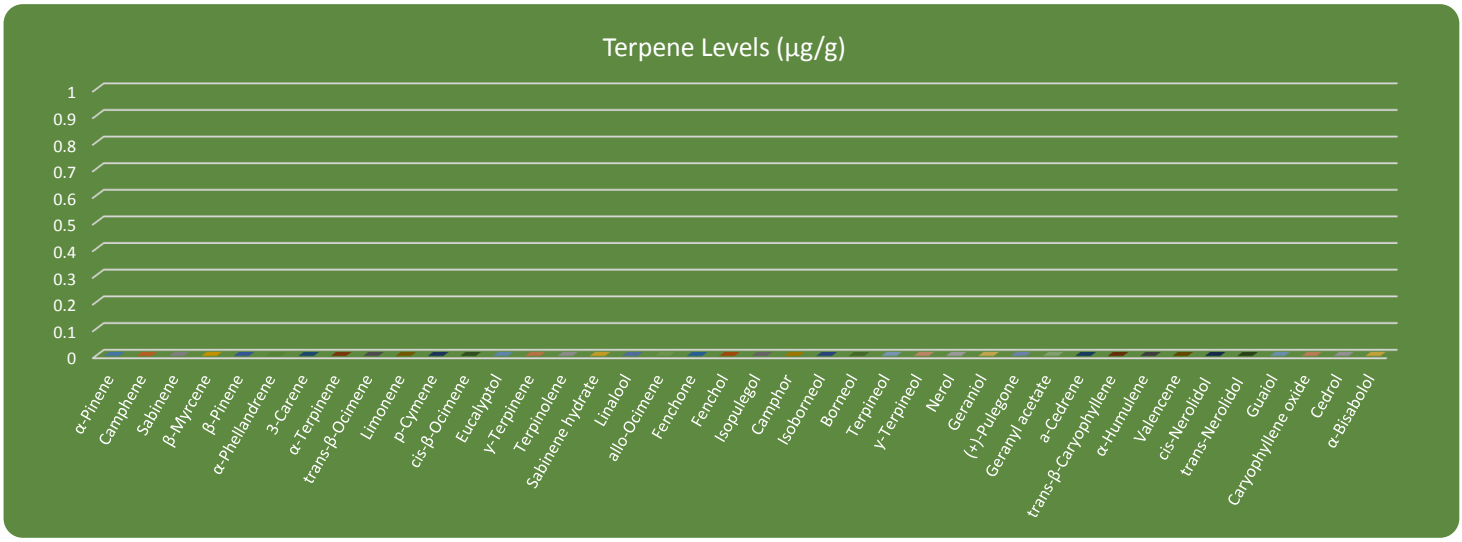
INTEGRITY AND ACCURACY IN EVERY STEP

Juniper Batch #:	\0272.01-18JA0272.02-Compo
Intake Date:	2/19/2018

Terpene Profile

ANALYSIS DATE: Not Tested Instrument: GC/MS Method: JA-Terpene-Proprietary

Compound	µg/g	%	Compound	µg/g	%
α-Pinene			Isopulegol		
Camphene			Camphor		
Sabinene			Isoborneol		
β-Myrcene			Borneol		
β-Pinene			Terpineol		
α-Phellandrene			y-Terpineol		
3-Carene			Nerol		
α-Terpinene			Geraniol		
trans-β-Ocimene			(+)-Pulegone		
Limonene			Geranyl acetate		
p-Cymene			a-Cedrene		
cis-β-Ocimene			trans-β-Caryophyllene		
Eucalyptol			α-Humulene		
y-Terpinene			Valencene		
Terpinolene			cis-Nerolidol		
Sabinene hydrate			trans-Nerolidol		
Linalool			Guaiol		
allo-Ocimene			Caryophyllene oxide		
Fenchone			Cedrol		
Fenchol			α-Bisabolol		
			TOTAL		



Batch QC WorkGroup ID:

Potency See Individual Results
Residual Solvents See Individual Results
Pesticides See Individual Results

Disclaimer