

CERTIFICATE OF ANALYSIS



JuniperAnalytics
INTEGRITY AND ACCURACY IN EVERY STEP

Juniper Analytics, LLC
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Client Name:	Sun God Medicinals
Contact Info:	Brie
Sample Type:	Concentrate
External Batch ID:	C4115-080918
Harvest/Prod. Date:	8/9/2018
Sample ID:	Medi Haze Cannabis 1:1 Sativa Concentrate Winterized
METRC ID:	1A4010300004FB2000006823
Juniper Batch #:	18JA1300.01-.02 Composite
Intake Date:	8/20/2018



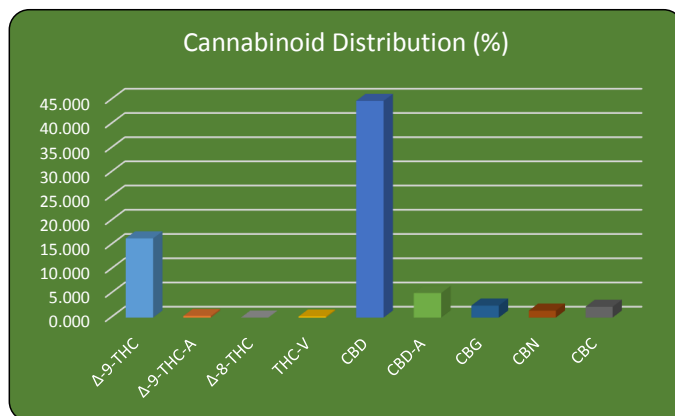
Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: See Individual Results

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	16.338	163.38	2.00
Δ-9-THC-A	0.324	3.24	2.00
Δ-8-THC	<LOQ	<LOQ	2.00
THC-V	0.206	2.06	2.00
CBD	44.725	447.25	2.00
CBD-A	5.068	50.68	2.00
CBG	2.467	24.67	2.00
CBN	1.419	14.19	2.00
CBC	2.227	22.27	2.00



TOTAL THC/CBD	Weight (%)	Conc (mg/g)	RPD
% THC Total =	16.623	166.23	12.01%
$\%THC_{Total} = (THC-A * 0.877) + \Delta 9THC$			PASS
% CBD Total =	49.170	491.70	
$\%CBD_{Total} = (CBD-A * 0.877) + CBD$			

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

ANALYSIS DATE: See Individual Results

Instrument: GC/MS

Method: USP 467 - Modified

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

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

Residual Solvents **PASS**

Tentatively Identified Compounds: Peak 1: Hits 1-2: Ethanol

<LOQ - Less than the 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

[Signature]

Report Date: 8/23/2018

QA Review



Juniper Batch #: 18JA1300.01-.02 Composite
 Intake Date: 8/20/2018

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	
Fenproximate	<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

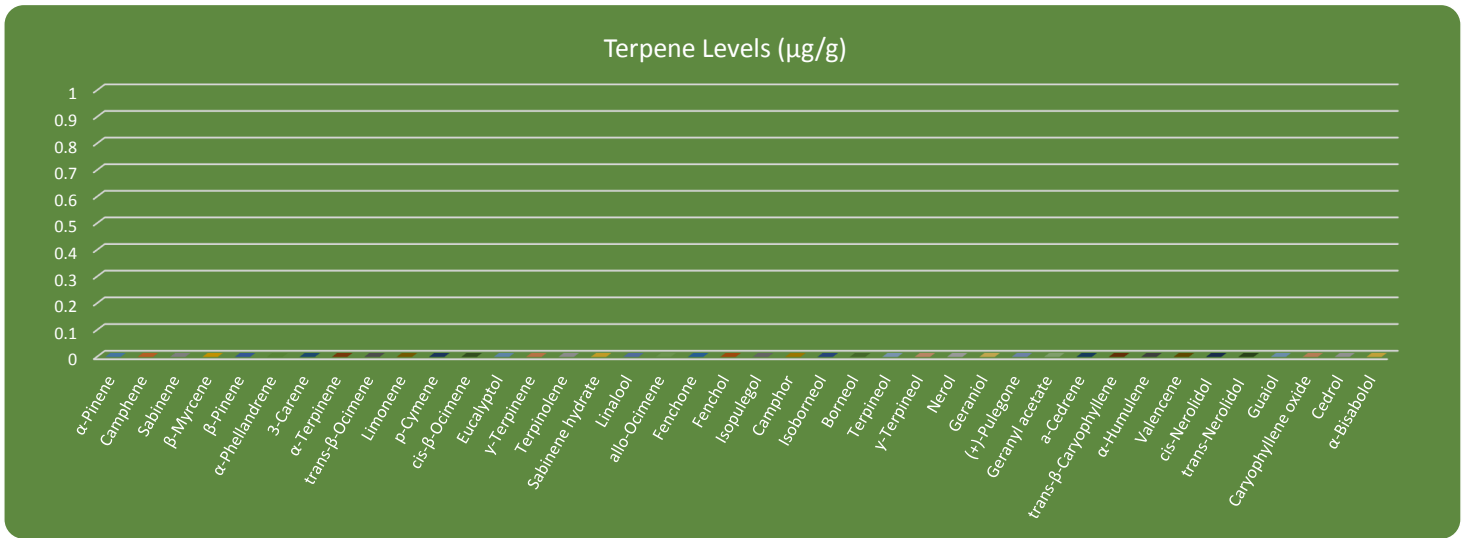
Microbiological screening	Colony count	CFU/g	Results:
Total coliforms	Not tested	Not tested	N/A
Escherichia coli (E. coli)	Not tested	Not tested	N/A



Juniper Batch #:	18JA1300.01-.02 Composite
Intake Date:	8/20/2018

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			γ-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			
γ-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

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