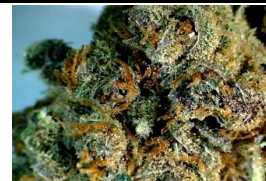


# CERTIFICATE OF ANALYSIS



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

Client Name: Cascadia Elevated Agriculture  
 Contact Info: Josh  
 Sample Type: Flower  
 Strain Name: Black Cherry Soda  
 METRC ID: 1A401030000C867000000377



Juniper Batch #: 17JA5529.07  
 Intake Date: 10/4/2017

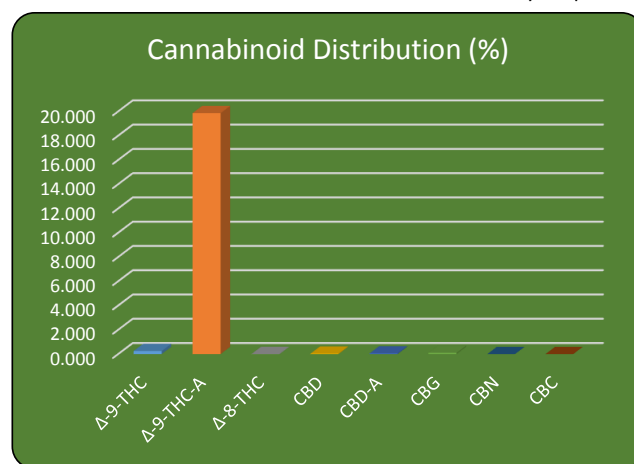
## Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: 10/4/2017

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	0.255	2.55	0.04
Δ-9-THC-A	19.863	198.63	0.03
Δ-8-THC	0.005	0.05	0.03
CBD	0.035	0.35	0.05
CBD-A	0.048	0.48	0.15
CBG	0.101	1.01	0.04
CBN	< LOQ	< LOQ	0.08
CBC	< LOQ	< LOQ	0.07



TOTAL THC/CBD	Weight (%)	Conc (mg/g)
THC Total =	17.680	176.80

THC<sub>Total</sub> = (THC-A \* 0.877) + Δ9THC + Δ8THC

CBD Total =	0.077	0.77
-------------	-------	------

CBD<sub>Total</sub> = (CBD-A \* 0.877) + CBD

\*LOQ = Limit of Quantification

## Water Activity and Moisture Content (Oregon Compliance Standard OAR 333-007-0420)

ANALYSIS DATE: 10/4/2017

ANALYSIS DATE: 10/4/2017

Moisture Content Method: JA-Moisture-Proprietary

Water Activity Method: AOAC 978.18

Instrument: Sartorius MA37 Electronic Moisture Analyzer

Instrument: Aqua Lab Water Activity Meter

Moisture Content	Result (%)	LOQ (%)
Percent Moisture	9.86	0.1

Water Activity	Result (Aw)	Results (Pass/Fail) (OR Limit: 0.65)
Aw	0.423	PASS

Microscopic visual inspection Notes: No foreign debris present

### Approval

*Steph M*

Report Date: 10/11/2017

QA Review



Juniper Batch #: 17JA5529.07  
 Intake Date: 10/4/2017

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

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						
<b>Pesticide Screen</b>	<b>N/A</b>							

\*LOQ = Limit of Quantification



Juniper Batch #: 17JA5529.07

Intake Date: 10/4/2017

### 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

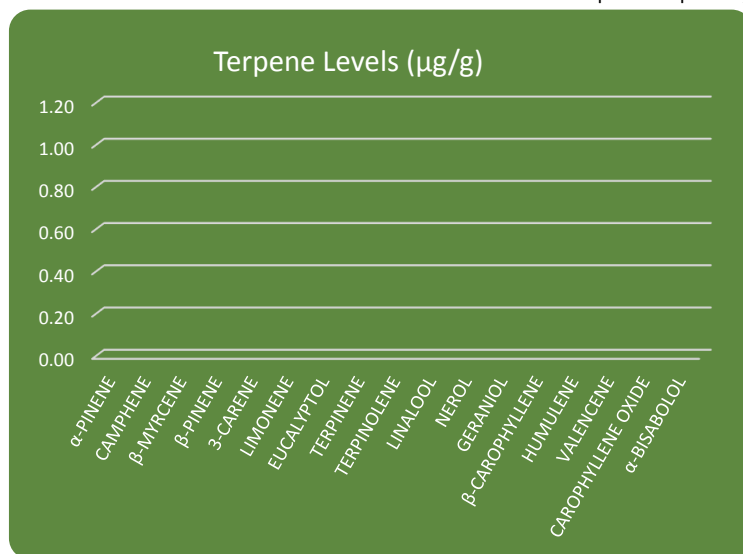
### Terpene Profile

ANALYSIS DATE: Not Tested

Instrument: GC/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 OXIDE		
α-BISABOLOL		
TOTAL		



Batch QC WorkGroup ID:

Potency PO-10-4-17-2

Pesticide

### Disclaimer

The results within this report apply only to the product tested and batched under the batch number identified above. These test results are for the exclusive use of the above named individual or entity. This report must not be altered, and may not be reproduced, except in their entirety, without written consent of Juniper Analytics, LLC. Requests for information regarding these results should be referred to the aforementioned individual or entity.