

CERTIFICATE OF ANALYSIS



Juniper Analytics, LLC
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 541.382.3796
 ORELAP: 4101-001 / OLCC: 10035537931

Client Name: Cascadia Elevated Agriculture
 Contact Info: Josh
 Sample Type: Flower
 Strain Name: Chiesel
 METRC ID: 1A401030000C867000000373



Juniper Batch #: 17JA5529.04
 Intake Date: 10/4/2017

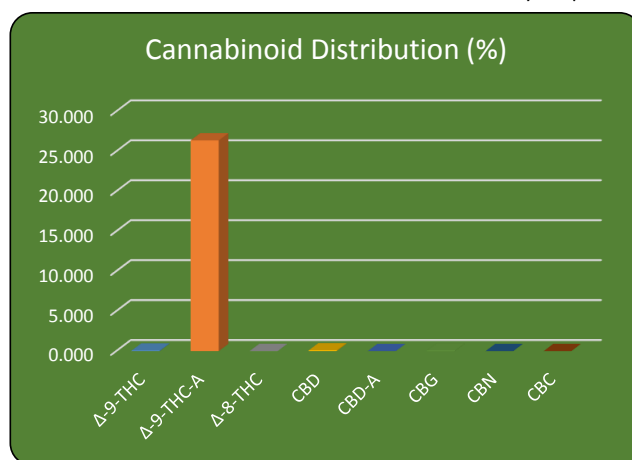
Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: 10/4/2017

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	0.062	0.62	0.04
Δ-9-THC-A	26.377	263.77	0.03
Δ-8-THC	0.014	0.14	0.03
CBD	0.093	0.93	0.05
CBD-A	< LOQ	< LOQ	0.15
CBG	0.031	0.31	0.04
CBN	< LOQ	< LOQ	0.08
CBC	< LOQ	< LOQ	0.07



TOTAL THC/CBD	Weight (%)	Conc (mg/g)
THC Total =	23.209	232.09

THC_{Total} = (THC-A * 0.877) + Δ9THC + Δ8THC

CBD Total =	0.093	0.93
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CBD_{Total} = (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

Moisture Content Method: JA-Moisture-Proprietary

Instrument: Sartorius MA37 Electronic Moisture Analyzer

Moisture Content	Result (%)	LOQ (%)
Percent Moisture	9.27	0.1

ANALYSIS DATE: 10/4/2017

Water Activity Method: AOAC 978.18

Instrument: Aqua Lab Water Activity Meter

Water Activity	Result (Aw)	Results (Pass/Fail) (OR Limit: 0.65)
Aw	0.383	PASS

Microscopic visual inspection Notes: No foreign debris present

Approval

Report Date: 10/11/2017

QA Review



Juniper Batch #: 17JA5529.04

Intake Date: 10/4/2017

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

ANALYSIS DATE: 10/9/2017			Instrument: LC/MS/MS			Method: AOAC 2007.1-Mod		
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		
Bifentazate	<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



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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

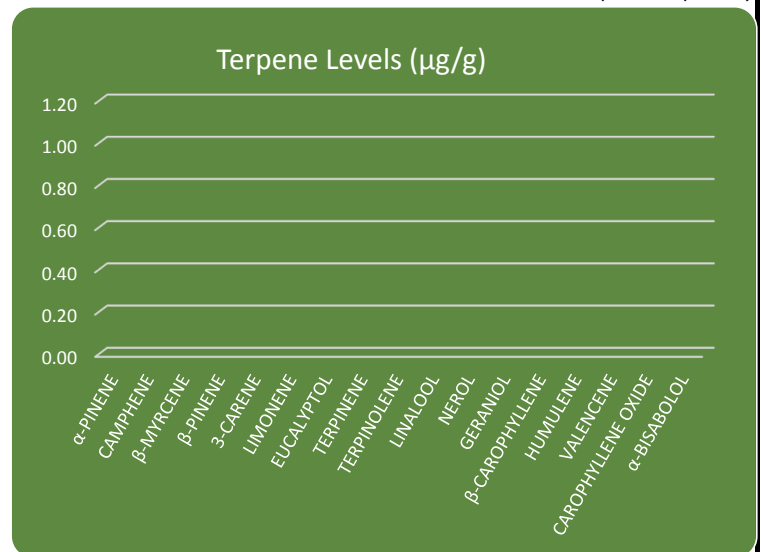
Terpene Profile

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 Pest-10-05-17-1

Disclaimer

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