

**CERTIFICATE OF ANALYSIS**



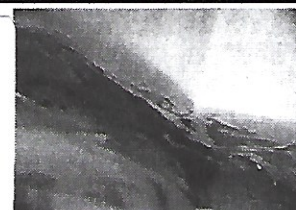
**JuniperAnalytics**  
INTEGRITY AND ACCURACY IN EVERY STEP

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

Client Name: ~~Spawoods~~  
Contact Info: ~~XXXXXX~~  
Sample Type: Concentrate  
External Batch ID: NA  
Harvest/Prod. Date: NA  
Sample ID: Lifter Pull n Snap Full Spectrum  
METRC ID: R&D  
Juniper Batch #: ~~00114067-04~~  
Intake Date: 11/13/2018



Distributed by:  
waldohempworks.com  
waldohempworks@gmail.com  
920.449.5546  
Must be 18 or older.



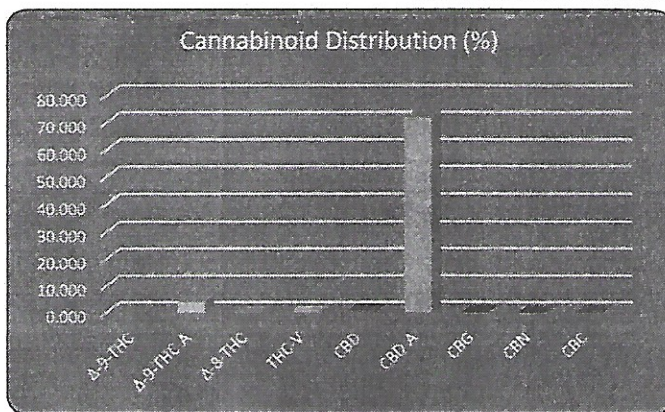
**Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)**

ANALYSIS DATE: 11/14/2018

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ* (mg/g)
Δ-9-THC	< LOQ	< LOQ	2.00
Δ-9-THC-A	3.859	38.59	2.00
Δ-8-THC	< LOQ	< LOQ	2.00
THC-V	< LOQ	< LOQ	2.00
CBD	0.763	7.63	2.00
CBD-A	71.652	716.52	2.00
CBG	< LOQ	< LOQ	2.00
CBN	< LOQ	< LOQ	2.00
CBC	< LOQ	< LOQ	2.00



TOTAL THC/CBD	Weight (%)	Conc (mg/g)
THC Total =	3.385	33.85

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

CBD Total =	63.601	636.01
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CBD<sub>Total</sub> = (CBD-A \* 0.877) + CBD

\* < LOQ - Less than the Limit of Quantification

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

ANALYSIS DATE: 11/19/2018

Instrument: GC/MS

Method: USP 467 - Modified

Solvent	Result (ppm)	Action Level / LOQ (ppm)
1,4-Dioxane	<LOQ	380 / 100
2-Butanol	<LOQ	5000 / 500
2-Ethoxyethanol	<LOQ	160 / 100
2-Propanol (IPA)	<LOQ	5000 / 500
Acetone	<LOQ	5000 / 500
Acetonitrile	<LOQ	410 / 100
Benzene	<LOQ	2 / 1
Cumene	<LOQ	70 / 50
Cyclohexane	<LOQ	3880 / 500
Dichloromethane	<LOQ	600 / 100
Ethyl acetate	<LOQ	5000 / 500
Ethyl ether	<LOQ	5000 / 500
Ethylene glycol	<LOQ	620 / 100
Ethylene oxide	<LOQ	50 / 10
Heptane	<LOQ	5000 / 500
Isopropyl acetate	<LOQ	5000 / 500
Methanol	<LOQ	3000 / 500
Propane	<LOQ	5000 / 500
Tetrahydrofuran	<LOQ	720 / 100
Toluene	<LOQ	890 / 100

Solvent	Result (ppm)	Action Level / LOQ (ppm)
Pentanes;	<LOQ	5000 / 500
-n-pentane	<LOQ	**
-iso-pentane	<LOQ	**
-neo-pentane	<LOQ	**
Butanes;	<LOQ	5000 / 500
-n-butane	<LOQ	**
-iso-butane	<LOQ	**
Hexanes;	<LOQ	290 / 50
-n-hexane	<LOQ	**
-2-methylpentane	<LOQ	**
-3-methylpentane	<LOQ	**
-2,2-dimethylbutane	<LOQ	**
-2,3-dimethylbutane	<LOQ	**
Xylenes;	<LOQ	2170 / 300
-1,2-dimethylbenzene	<LOQ	**
-1,3-dimethylbenzene	<LOQ	**
-1,4-dimethylbenzene	<LOQ	**
-Ethyl benzene	<LOQ	**

\*\*Limit based on combined results

Residual Solvents **PASS**

Tentatively Identified Compounds: Peak 1: Hits 1-3: 2-propanol, 2-methyl-; Peak 2: Hit 1: 1-hexanol

<LOQ - Less than the Limit of Quantification

**APPROVAL**

Report Date: 11/19/2018

QA Review