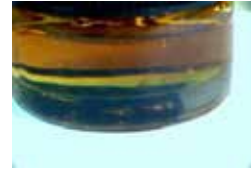


CERTIFICATE OF ANALYSIS



Sample Type: Extract
 Sample ID: THC Free Dist.
 METRC ID: Hemp



Juniper Batch #: 18JA048401
 Intake Date: 4/04/18

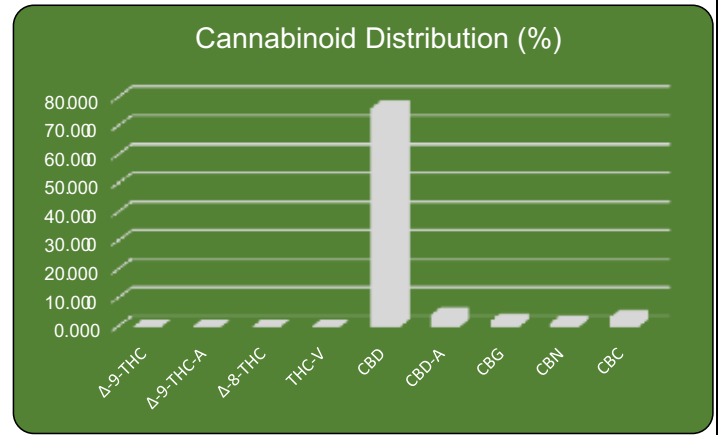
Potency Analysis (Oregon Compliance Standard OAR 333-007-0430)

ANALYSIS DATE: 4/05/18

Instrument: HPLC/DAD

Method: JA-Potency-Proprietary

Compound	Weight (%)	Concentration (mg/g)	LOQ (mg/g)
Δ-9-THC	< LOQ	< LOQ	3.00
Δ-9-THC-A	< LOQ	< LOQ	3.00
Δ-8-THC	< LOQ	< LOQ	3.00
THC-V	< LOQ	< LOQ	3.00
CBD	76.349	763.49	3.00
CBD-A	4.393	43.93	3.00
CBG	2.151	21.51	3.00
CBN	1.326	13.26	3.00
CBC	3.435	34.35	3.00



TOTAL THC/CBD	Weight (%)	Conc (mg/g)
THC Total =	<LOQ	<LOQ

THC_{Total} = (THC-A 0.877) + Δ9THC

CBD Total =	80203	80203
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CBD_{Total} = (CBD-A 0.877) + CBD *LOQ = Limit of Quantification ANALYSIS

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

DATE: RS Test Date

Instrument: GC/MS

Method: USP 467- Modied

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

Solvent	Result (ppm)	Action Level / LOQ (ppm)
Pentanes;		5000/ 500
-n-pentane		
-iso-pentane		
-neo-pentane		
Butanes;		5000/ 500
-n-butane		
-iso-butane		
Hexanes;		290/ 50
-n-hexane		
-2-methylpentane		
-3-methylpentane		
-2,2-dmethylbutane		
-2,3-dmethylbutane		
Xylenes;		2170/ 300
-1,2-dmethylbenzene		
-1,3-dmethylbenzene		
-1,4-dmethylbenzene		
-Ethyl benzene		
Limit based on combined results		

Residual Solvents NA

Tentatively Identified Compounds: NA

*N.D. - Compound Not Detected, or

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

APPROVAL

QA Review

Report Date: 4/05/18