## Washington RnD Marijuana Certificate of Analysis

License # 0008 Foreign Matter • Moisture • Water Activity • Microbiological • Mycotoxins • Potency • Terpenes • Residual Solvents

NO IMAGE AVAILABLE Client Name: Hemp Indica
Sample Name: Raw CBD Oil

Sample ID: 11121801 Received On: 11/12/18

Date Completed: 11/15/18

jesse@jessenicola.com (719) 619-7070



5501 NE 109th Ct., Suite N Vancouver, WA 98662 (360) 513-9377 or (360) 947-6767 www.goatlabs.co dani@goatlabsinc.com

Potency Tech: SKW



Sara Whitney 11/15/18
Khanh Reed, Lab Director or Delegate

Can	Cannabinoid (mg/g)  HPLC/UV-Vis		
	CBD-A	10.59	
	CBG-A	< 0.1	
	THC-A	<0.1	
	CBD	635.75	
	CBG	< 0.1	
	THC-V	< 0.1	
	CBN	< 0.1	
	Δ9 ΤΗС	<0.1	
	Δ8 ΤΗС	< 0.1	
	CBC	< 0.1	

<b>Converted Total</b>	
Total THC = THCa * 0.877 Total CBD = CBDa * 0.87	
Reported Total Δ9THC	< 0.1
Reported Total CBD	645.04
Total Cannabinoids	645.04

UNCONVERTED To "Total" = Total Sum of Unhe	
"Total" Cannabinoids	646.34

Terpenes (%) GC/MS		
α-Pinene	****	
Myrcene		
β-pinene		
Terpinolene		
Limonene		
Linalool	NA	
Caryophyllene		
Humulene		
Caryophyllene Oxide		
α-Bisabolol		
<b>Total Terpenes</b>		

M	Mycotoxin Count (ppb)  Elisa StatFax 4700		State Limits
			WAC 314-55-102
	Aflatoxins	NA	20
	Ochratoxins	NA	20

Microbial Count (CFU)  3M Petrifilm Plating		State Limits WAC 314-55-102	
Bile-Tolerent Gram Negative		10000	
E. Coli	NA	None	
Salmonella		None	

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory are 0.1%.

Residual Solvents*	(ppm)	State Limits
GC/MS		WAC 314-55-102
Acetone		5,000
Benzene		2
Butane(s)		5,000
Cyclohexane		3,800
Chloroform		2
DCM**		600
Ethyl Acetate		5,000
Heptane	NA	5,000
Hexane(s)		290
Isopropanol		5,000
Methanol		3,000
Pentane(s)		5,000
Propane		5,000
Toluene		890
Xylene***		2,170

- \*And isomer thereof.
- \*\*Dichloromethane.
- \*\*\* Usually 60% m-xylene, 14% p-xylene, 9% o-xylene with 17% ethyl benzene.

Notes		
	Not	Notes

TBD = To Be Determined NA = Not Applicable ND = None Detected