

# 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:** CBD Roll-on (Organic Peppermint)  
**Sample ID:** 12191809  
**Received On:** 12/19/18



**Date Completed:** 12/22/18

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Potency Tech: SKW

*Sara Whitney* 12/22/18  
Khanh Reed, Lab Director or Delegate

**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%.

Cannabinoid (mg/g)	
HPLC/UV-Vis	
<b>CBD-A</b>	<b>0.630</b>
CBG-A	<0.100
<b>THC-A</b>	<b>&lt;0.100</b>
<b>CBD</b>	<b>9.090</b>
CBG	<0.100
THC-V	0.430
CBN	<0.100
<b>Δ9 THC</b>	<b>&lt;0.100</b>
Δ8 THC	<0.100
CBC	<0.100

UNCONVERTED Totals (mg/g)	
"Total" = Total Sum of Unheated Cannabinoids	
"Total" Cannabinoids	<b>10.150</b>

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

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

Converted Totals (mg/g)	
Total THC = THCa * 0.877 + Δ9-THC	
Total CBD = CBDa * 0.877 + CBD	
Reported Total Δ9THC	<0.100
Reported Total CBD	9.643
<b>Total Cannabinoids</b>	<b>10.073</b>

Mycotoxin Count (ppb)	State Limits
Elisa StatFax 4700	WAC 314-55-102
Aflatoxins	<b>20</b>
Ochratoxins	<b>20</b>

Microbial Count (CFU)	State Limits
3M Petrifilm Plating	WAC 314-55-102
Bile-Tolerant Gram Negative	<b>10000</b>
E. Coli	<b>None</b>
Salmonella	<b>None</b>

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

Notes

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

This product has been tested by G.O.A.T. Labs, Inc using valid testing methodologies and quality system as required by state law. Values reported relate only to the product tested. G.O.A.T. Labs, Inc makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of G.O.A.T. Labs, Inc.