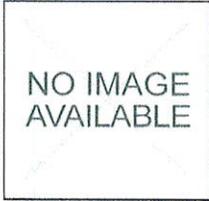


# Washington RnD Marijuana Certificate of Analysis

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



**Client Name:** [REDACTED]  
**Sample Name:** Ground Hemp  
 Sample ID: 11061921  
 Received On: 11/06/19  
 Expires On: 11/05/20  
 Date Completed: 11/07/19



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*Sara Whitney* 11/7/19  
 Sara Whitney, Lead Analyst

Cannabinoid (%)	
HPLC/UV-Vis	
<b>CBD-A</b>	<b>1.522</b>
CBG-A	ND
<b>THC-A</b>	<b>ND</b>
<b>CBD</b>	<b>1.397</b>
CBG	ND
THC-V	ND
CBN	ND
<b>Δ9 THC</b>	<b>ND</b>
Δ8 THC	ND
CBC	ND

UNCONVERTED Totals (%)	
"Total" = Total Sum of Unheated Cannabinoids	
"Total" Cannabinoids	<b>2.919</b>

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%.

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

Physical Properties (%)	
<b>Seeds &amp; Stems</b>	
Visual Inspection	
<b>Foreign Matter</b>	<b>NA</b>
Visual Inspection	

Converted Totals (%)	
Total THC = THCa * 0.877 + Δ9-THC Total CBD = CBDa * 0.877 + CBD	
Reported Total Δ9THC	ND
Reported Total CBD	2.732
<b>Total Cannabinoids</b>	<b>2.732</b>

Moisture Properties	
<b>H<sub>2</sub>O Activity</b>	<b>NA</b>
Rotronic HygroPalm	
<b>% Moisture</b>	<b>TBD</b>
Seiko Scale	

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

Notes

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

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.