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ORELAP #4112  
OLCC #010-1003340D344

# Wu5

ODweeds

210-819-0140

Sample Type: Usable Hemp  
Sample Date: 11/8/2019  
Analysis Date: 11/11/2019  
Report Date: 11/12/2019

Metric Batch ID:

Metric Sample ID:

Harvest/Process Date:

Report ID:

**LS-191112-3**

## Potency

Potency Analysis Date: 11/11/2019  
Potency Batch ID: CAN\_111119A  
Potency Method: JAOAC 2015.1

Moisture Content: 13.1%  
Moisture Content Method: AOAC 966.02

**15.2%**

Total  
CBD

**0.526%**

Total  
THC

Samples: HCD-NPW-FFH

Analyte	Description	LOQ	RPD	Min.	Max.	Conc.	Unit: %
<b>Δ9THC</b>	Delta-9 Tetrahydrocannabinol	0.0080	-	-	-	<b>0.0174</b>	
<b>THCA</b>	Tetrahydrocannabinolic acid	0.0080	-	-	-	<b>0.580</b>	
<b>CBD</b>	Cannabidiol	0.0080	-	-	-	<b>0.103</b>	
<b>CBDA</b>	Cannabidiolic acid	0.0080	-	-	-	<b>17.2</b>	
<b>Δ8THC</b>	Delta-8 Tetrahydrocannabinol*	0.0080	-	-	-	ND	
<b>THCV</b>	Tetrahydrocannabivarin*	0.0080	-	-	-	ND	
<b>CBG</b>	Cannabigerol*	0.0080	-	-	-	0.0480	
<b>CBGA</b>	Cannabigerolic acid*	0.0080	-	-	-	0.499	
<b>CBC</b>	Cannabichromene*	0.0080	-	-	-	ND	
<b>CBCA</b>	Cannabichromenic acid*	0.0080	-	-	-	ND	
<b>CBN</b>	Cannabinol	0.0080	-	-	-	<LOQ	
<b>Total THC</b>	Δ9THC + (THCA × 0.877)		-	-	-	<b>0.526</b>	
<b>Total CBD</b>	CBD + (CBDA × 0.877)		-	-	-	<b>15.2</b>	
<b>Total</b>			-	-	-	<b>18.5</b>	

## Compliance

Moisture Content

Within limits

Analysis Date: 11/11/2019

Pass

Bryce Kidd, Ph.D.  
Lab Director

Aaron Troyer  
Chief Science Officer

This data cannot be used for OLCC or OHA compliance for usable marijuana or marijuana products and is provided for Research and Development purposes only.



Lightscale Labs is accredited by ORELAP (Lab #4112) for analysis in compliance with OAR 333-064 and OAR 333-007. Results pertain to submitted samples only. Unless otherwise noted, samples were received in good condition and Quality Control samples met acceptance criteria. This Certificate shall not be reproduced except in full, without the written approval of Lightscale Labs. Results marked with an asterisk (\*) are not within scope of accreditation and for informational purposes only.

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## Qualifier Flag Descriptions

<b>J</b>	Reported result is an estimate - the value is less than the minimum calibration level but greater than the estimated detection limit (EDL)
<b>U</b>	The analyte was not detected in the sample at the estimated detection limit (EDL)
<b>E</b>	Exceeds calibration range
<b>D</b>	Dilution data - result was obtained from the analysis of a dilution
<b>B</b>	Analyte found in sample and associated blank
<b>C</b>	Co-eluting compound
<b>R</b>	Relative Percent Difference (RPD) outside control limits
<b>NR</b>	Analyte not reported because of problems in sample preparation or analysis
<b>ND</b>	Non-Detect
<b>X</b>	Results from reinjection/repeat/re-column data
<b>EMC</b>	Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria
<b>M</b>	Manual integration
<b>PS</b>	Peaks split
<b>HB</b>	Control acceptance criteria are exceeded high and the associated sample is below the detection limit
<b>LB</b>	Control acceptance criteria are exceeded low and the associated sample exceeds the regulatory limit
<b>ME</b>	Marginal Exceedance
<b>LR</b>	Low Recovery Analyte
<b>LOQ</b>	Limit of Quantitation