LIGHTSCALE LABS

2535 N Ross Ave
Portland, OR 97227
(503) 493-2535

info@lightscale.com
ORELAP #4112
OLCC #010-1003340D344

Drops

Love and Science Labs

1(503)734-8515

Harvest/Process Date:
Sample Date: 11/28/2022
Analysis Date: 11/28/2022
Report Date: 11/30/2022
Report ID: LS-221130-3

Client Batch ID:
Metrc Batch ID:

Metrc Sample ID:

Sample Type: Hemp Cannabinoid Product
Sample Plan:

Sample Procedure:
160721_LAB-SOP_SampleCollection-v010

Potency

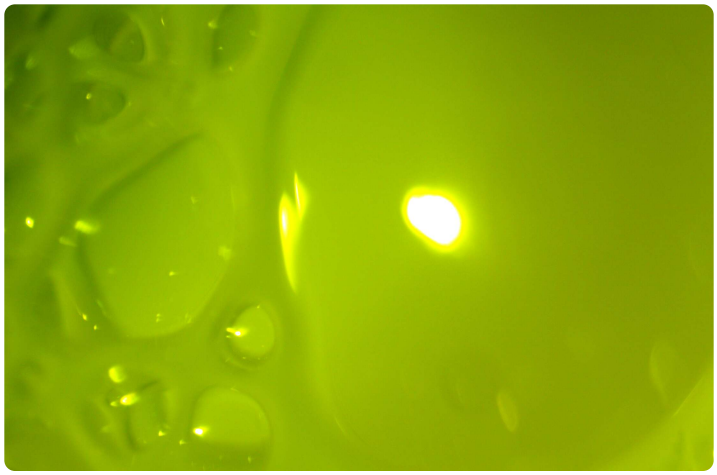
Potency Analysis Date: 11/28/2022
Potency Batch ID:CAN_112822A
Potency Method: JAOAC 2015.1

Unit Potency:
1 g retail unit
9.72 mg THC/351.7 mg CBD per retail unit
9.72 mg THC per 30.0 g serving
351.7 mg CBD per 30.0 g serving

11.7 mg/g
Total CBD 1.17%

0.324 mg/g
Total THC 0.0324%

Samples: PBM-XNC-BWN



Analyte	Description	LOQ	RPD (%)	Min.	Max.	Conc.	Unit: mg/g
Δ9THC	Delta-9 Tetrahydrocannabinol	0.0050	-	-	-	0.324	
THCA	Tetrahydrocannabinolic acid	0.0050	-	-	-	ND	
CBD	Cannabidiol	0.0050	-	-	-	11.3	
CBDA	Cannabidiolic acid	0.0050	-	-	-	0.498	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.0050	-	-	-	ND	
THCV	Tetrahydrocannabivarin*	0.0050	-	-	-	ND	
CBG	Cannabigerol*	0.0050	-	-	-	0.208	
CBGA	Cannabigerolic acid*	0.0050	-	-	-	0.0500	
CBC	Cannabichromene*	0.0050	-	-	-	0.334	
CBCA	Cannabichromenic acid*	0.0050	-	-	-	ND	
CBN	Cannabinol*	0.0050	-	-	-	0.0660	
Total THC	Δ9THC + (THCA × 0.877)		-	-	-	0.324	
Total CBD	CBD + (CBDA × 0.877)		-	-	-	11.7	
Total			-	-	-	12.8	

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.

LS-221130-3

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Potency
Quality Control Data

Potency QC Analysis Date: 11/28/2022
Potency QC Batch ID: CAN_112822A

Method: JAOAC 2015.1
Unit: µg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Δ9THC	ND	0.0050	62.407	60.0	104	90 - 110	
THCA	ND	0.0050	57.384	60.0	95.6	90 - 110	
CBD	ND	0.0050	63.350	60.0	106	90 - 110	
CBDA	ND	0.0050	57.314	60.0	95.5	90 - 110	
Δ8THC	ND	0.0050	61.338	60.0	102	90 - 110	

POTENCY - LIMIT OF DETECTION
Verified: 060221
Method: 160819_LAB-SOP_MethodValidation-CannabinoidPotency-v002.docx

Matrix	Analyte	LOD (ppm)	LOD (mg/g)
EXTRACT	Δ9THC	2.8	0.0028
	THCA	0.56	0.00056
	CBD	2.22	0.00222
	CBDA	0.52	0.00052
FLOWER	Δ9THC	1.88	0.00188
	THCA	5.32	0.00532
	CBD	1.31	0.00131
	CBDA	0.78	0.00078

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Qualifier Flag Descriptions

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