



Analytical Test Report

Science First. OLCC#: 010-1002112892C ODA: AG-L1040657A
ORELAP ID: 4096
7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

Non OLCC CBD Lotion

Lab ID: 2311203-01 & 2311203-02

High Desert Pure

330-1045887IHH

METRC Batch ID:

METRC Sample Tag: Non OLCC CBD Lotion

Date Sampled: 11/28/23

Date Printed: 12/1/23

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	mg/g	LOQ
THCA	<LOQ	0.0494
delta 9-THC	0.114	0.0494
delta 8-THC	<LOQ	0.0494
CBDA	0.104	0.0740
CBDVA	<LOQ	0.0494
CBGA	<LOQ	0.0494
CBD	16.4	0.0494
CBDV	0.107	0.0494
CBG	0.216	0.0494
CBN	<LOQ	0.0494
CBC	<LOQ	0.0494
Total CBG	0.216	0.0494
Total Cannabinoids	17.0	0.0494

Total THC

0.114 mg/g

THC RPD: 7.86%

Total CBD

16.5 mg/g

CBD RPD: 0.00%

<LOQ - Results below the Limit of Quantitation

ORELAP accredited cannabinoid analytes include only CBDA, CBD, THCA, delta-9-THC, and delta-8-THC.

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO₂. Result = "bioactive"

"Total" Cannabinoid accounts for decarboxylation and moisture content. **Total THC = [(THCA*0.877) + Δ9THC] / (100%-MC)**

Chris Griffey
Lab Director

Sample tested in compliance with OAR 333-007 (TNI standards). Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample(s) included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs. Unless otherwise indicated, all analytes included on this report are accredited by ORELAP.

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Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -
 SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	mg/g	LOQ	Notes
THCA	< LOQ	0.0495	
delta 9-THC	0.119	0.0495	
delta 8-THC	< LOQ	0.0495	
CBDA	0.105	0.0742	
CBDVA	< LOQ	0.0495	
CBGA	< LOQ	0.0495	
CBD	16.4	0.0495	
CBDV	0.161	0.0495	
CBG	0.216	0.0495	
CBN	< LOQ	0.0495	
CBC	< LOQ	0.0495	
Total CBG	0.216	0.0495	
Total Cannabinoids	17.0	0.0495	

Total THC
0.119 mg/g

Total CBD
16.5 mg/g

<LOQ - Results below the Limit of Quantitation

ORELAP accredited cannabinoid analytes include only CBDA, CBD, THCA, delta-9-THC, and delta-8-THC.

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO₂. Result = "bioactive""Total" Cannabinoid accounts for decarboxylation and moisture content. **Total THC = [(THCA*0.877) + Δ9THC] / (100%-MC)**

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Laboratory ID: 2311203-01

Quality Control Potency

Batch: B23K232 - Potency
Blank(B23K232-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
delta 9-THC	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBGA	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBDA	< LOQ	0.0750	mg/g		11/29/23 08:51	11/29/23 16:33	
CBD	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBN	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBG	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
delta 8-THC	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBC	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
Total CBG	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBDVA	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	
CBDV	< LOQ	0.0500	mg/g		11/29/23 08:51	11/29/23 16:33	

LCS(B23K232-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.3	0.0512	mg/g	90-110	11/29/23 08:51	11/29/23 16:48	
delta 9-THC	105	0.0512	mg/g	90-110	11/29/23 08:51	11/29/23 16:48	
CBDA	101	0.0769	mg/g	90-110	11/29/23 08:51	11/29/23 16:48	
CBD	105	0.0512	mg/g	90-110	11/29/23 08:51	11/29/23 16:48	
delta 8-THC	105	0.0512	mg/g	90-110	11/29/23 08:51	11/29/23 16:48	

 Chris Griffey
 Lab Director



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Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
 - B2 Analyte detected in sample and associated method blank.
 - C Interference due to co-elution.
 - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
 - H Non-homogenous sample matrix affecting RPD and/or QC.
 - I Manual Integration was performed.
 - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
 - M Anomalous results due to matrix interference
 - P Peaks manually split.
 - Q1 QC out of limits but still OK
 - Q2 Quality Control outside QC limits. Data considered estimate.
 - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
 - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
 - R Marginal Exceedence.
 - U Reported result is an estimate. The analyte was detected above the calibration range.
 - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected

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