



Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

Non OLCC CBD Lotion

Lab ID: 2306120-01 & 2306120-02

High Desert Pure

330-1045887IHH

METRC Batch ID:

METRC Sample Tag: NA

Date Sampled: 06/20/23

Date Printed: 06/27/23

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	0.0542
delta 9-THC	<LOQ	0.0542
delta 8-THC	<LOQ	0.0542
CBDA	0.0568	0.0542
CBDVA	0.628	0.0542
CBGA	<LOQ	0.0542
CBD	17.0	0.0542
CBDV	0.0829	0.0542
CBG	<LOQ	0.0542
CBN	<LOQ	0.0542
CBC	<LOQ	0.0542
Total CBG	<LOQ	0.0542
Total Cannabinoids	17.7	0.0542

Total THC

<LOQ mg/g

THC RPD:

Total CBD

17.1 mg/g

CBD RPD: 1.17%

<LOQ - Results below the Limit of Quantitation

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 included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs.



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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	0.0541	
delta 9-THC	< LOQ	0.0541	
delta 8-THC	< LOQ	0.0541	
CBDA	0.0579	0.0541	
CBDVA	0.626	0.0541	
CBGA	< LOQ	0.0541	
CBD	17.0	0.0541	
CBDV	0.0826	0.0541	
CBG	< LOQ	0.0541	
CBN	< LOQ	0.0541	
CBC	< LOQ	0.0541	
Total CBG	< LOQ	0.0541	
Total Cannabinoids	17.6	0.0541	

Total THC
< LOQ mg/g

Total CBD
17.0 mg/g

<LOQ - Results below the Limit of Quantitation

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: 2306120-01

Quality Control Potency

Batch: B23F194 - Potency**Blank(B23F194-BLK1)**

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
delta 9-THC	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBGA	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBDA	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBD	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBN	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBG	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
delta 8-THC	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBC	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
Total CBG	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBDVA	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	
CBDV	< LOQ	0.0550	mg/g		06/21/23 09:04	06/22/23 01:32	

LCS(B23F194-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0562	mg/g	90-110	06/21/23 09:04	06/22/23 01:47	
delta 9-THC	102	0.0562	mg/g	90-110	06/21/23 09:04	06/22/23 01:47	
CBDA	101	0.0562	mg/g	90-110	06/21/23 09:04	06/22/23 01:47	
CBD	103	0.0562	mg/g	90-110	06/21/23 09:04	06/22/23 01:47	
delta 8-THC	101	0.0562	mg/g	90-110	06/21/23 09:04	06/22/23 01:47	

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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 associate 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

Chris Griffey
Lab Director