Rose City LABORATORIES

Analytical Test Report

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

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

Non-OLCC Relief Sticks

Lab ID: 2304090-03RE1 & 2304090-04RE1

High Desert Pure

330-1045887IHH

METRC Batch ID:
METRC Sample Tag: Non-OLCC Relief Sticks
Date Sampled: 04/11/23
Date Printed: 04/18/23

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	0.0996
delta 9-THC	<LOQ	0.0996
delta 8-THC	<LOQ	0.0996
CBDA	0.189	0.0996
CBDVA	<LOQ	0.0996
CBGA	<LOQ	0.0996
CBD	57.9	0.0996
CBDV	0.414	0.0996
CBG	<LOQ	0.0996
CBN	0.136	0.0996
CBC	0.173	0.0996
Total CBG	<LOQ	0.0996
Total Cannabinoids	58.8	0.0996

Total THC
<LOQ mg/g
THC RPD:

Total CBD
58.0 mg/g
CBD RPD: 2.24%

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO_2. Result = *bioactive*

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC = $[(THCA \times 0.877) + \Delta 9THC] / (100\%-MC)$

Chris Griffey
Lab Director

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Cannabinoids	mg/g	LOQ	Notes
THCA	< LOQ	0.0999	
delta 9-THC	< LOQ	0.0999	
delta 8-THC	< LOQ	0.0999	
CBDA	0.187	0.0999	
CBDVA	< LOQ	0.0999	
CBGA	< LOQ	0.0999	
CBD	57.3	0.0999	
CBDV	0.397	0.0999	
CBG	< LOQ	0.0999	
CBN	0.135	0.0999	
CBC	0.171	0.0999	
Total CBG	< LOQ	0.0999	
Total Cannabinoids	58.1	0.0999	

Total THC < LOQ mg/g

Total CBD 57.4 mg/g

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO_2. Result = *bioactive*

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

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High Desert Pure

330-1045887IHH   **Laboratory ID:** 2304090-03RE1

Quality Control
Potency

Batch: B23D144 - Potency

Blank(B23D144-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
delta 9-THC	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBGA	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBDA	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBD	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBN	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBG	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
delta 8-THC	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBC	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
Total CBG	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBDVA	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	
CBDV	< LOQ	0.110	mg/g		04/17/23 08:20	04/17/23 14:46	

LCS(B23D144-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	109	0.112	mg/g	90-110	04/17/23 08:20	04/17/23 15:01	
delta 9-THC	108	0.112	mg/g	90-110	04/17/23 08:20	04/17/23 15:01	
CBDA	105	0.112	mg/g	90-110	04/17/23 08:20	04/17/23 15:01	
CBD	102	0.112	mg/g	90-110	04/17/23 08:20	04/17/23 15:01	
delta 8-THC	105	0.112	mg/g	90-110	04/17/23 08:20	04/17/23 15:01	

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High Desert Pure

330-1045887IHH

Laboratory ID: 2304090-03RE1

Notes and Definitions

B	Analyte detected in method blank, but not associated samples.
B2	Analyte detected in sample and associate methold 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 samle matrix affecting RPD and/or QC.
I	Manual Integration was performed.
L	Duplicate sample relative precent 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