



# Analytical Test Report

Science First. ORELAP ID: 4101 OLCC#: 010-10233216933

20756 High Desert Court STE 6, Bend, OR 97701 (541) 299-2008

## Cranberry Blood Orange Shots

Lab ID: B230529-03 & B230529-04

Ablis CBD

Harvest / Process Lot: 50CBO006

METRC Batch ID: 50CBO006

METRC Sample Tag: 50CBO006

Date Sampled: 05/22/23

Date Printed: 06/1/23

### Potency Analysis

Analytical Method: JA-Potency-Proprietary  
SOP JA\_009 Potency Analysis by HPLC-UV-Vis

Cannabinoids	mg/g	LOQ
THCA	<LOQ	0.0148
delta 9-THC	<LOQ	0.0148
delta 8-THC	<LOQ	0.0148
CBDA	<LOQ	0.0148
CBGA	<LOQ	0.0148
CBD	0.674	0.0148
CBG	<LOQ	0.0148
CBN	<LOQ	0.0148
CBC	<LOQ	0.0148
THCV	<LOQ	0.0148
Total CBG	<LOQ	0.0148
Total Cannabinoids	0.676	0.0148

**Total THC**

**<LOQ** mg/g

THC RPD:

**Total CBD**

**0.674** mg/g

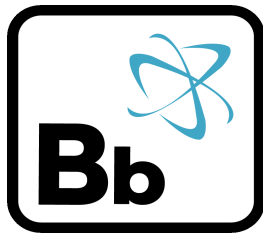
CBD RPD: 3.11%

<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)

**Zoe Wiggers**  
Technical Director



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SOP JA\_009 Potency Analysis by HPLC-UV-Vis

Cannabinoids	mg/g	LOQ	Notes
THCA	< LOQ	0.0148	
delta 9-THC	< LOQ	0.0148	
delta 8-THC	< LOQ	0.0148	
CBDA	< LOQ	0.0148	
CBGA	< LOQ	0.0148	
CBD	0.685	0.0148	
CBG	< LOQ	0.0148	
CBN	< LOQ	0.0148	
CBC	< LOQ	0.0148	
THCV	< LOQ	0.0148	
Total CBG	< LOQ	0.0148	
Total Cannabinoids	0.686	0.0148	

**Total THC**  
**< LOQ** mg/g

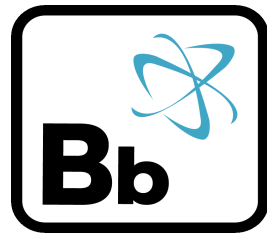
**Total CBD**  
**0.685** mg/g

<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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## Cranberry Blood Orange Shots

*Ablis CBD*

Laboratory ID: B230529-03

### Quality Control Potency

Batch: B23E248 - BB Potency

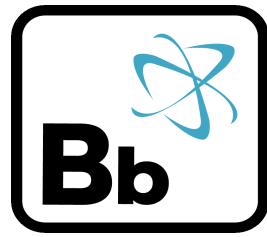
#### Blank(B23E248-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
delta 9-THC	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
CBGA	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
CBDA	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
CBD	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
CBN	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
CBG	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
delta 8-THC	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
CBC	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
Total CBG	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	
THCV	< LOQ	0.215	mg/g		05/24/23 08:20	05/25/23 11:24	

#### LCS(B23E248-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.9	1.31	mg/g	90-110	05/24/23 08:20	05/25/23 11:24	
delta 9-THC	94.1	1.31	mg/g	90-110	05/24/23 08:20	05/25/23 11:24	
CBDA	91.7	1.31	mg/g	90-110	05/24/23 08:20	05/25/23 11:24	
CBD	92.4	1.31	mg/g	90-110	05/24/23 08:20	05/25/23 11:24	
delta 8-THC	93.2	1.31	mg/g	90-110	05/24/23 08:20	05/25/23 11:24	

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## Cranberry Blood Orange Shots

*Ablis CBD*

Laboratory ID: B230529-03

### 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

**Zoe Wiggers**  
Technical Director