

## Tincture

Lab ID: 2309060-01

Myxner Systemz

METRC Batch ID: 23NFTEX02

Date Sampled: 09/13/23

Date Printed: 09/19/23

Report cannot be used for OLCC/OHA compliance.

## Potency Analysis

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

Cannabinoids	(%)	LOQ	Notes
THCA	< LOQ	0.0913	
delta 9-THC	< LOQ	0.0913	
delta 8-THC	< LOQ	0.0913	
CBDA	< LOQ	0.0913	
CBDVA	< LOQ	0.0913	
CBGA	< LOQ	0.0913	
CBD	11.3	0.0913	
CBDV	< LOQ	0.0913	
CBG	5.75	0.0913	
CBN	< LOQ	0.0913	
CBC	< LOQ	0.0913	
Total CBG	5.75	0.0913	
Total Cannabinoids	17.0	0.0913	

**Total THC**  
**< LOQ %**

**Total CBD**  
**11.3 %**

&lt;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 CO<sub>2</sub>. Result = "bioactive"

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


 Chris Griffey  
 Lab Director

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## Quality Control Potency

### Batch: B23I097 - Potency

#### Blank(B23I097-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
delta 9-THC	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBGA	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBDA	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBD	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBN	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBG	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
delta 8-THC	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBC	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
Total CBG	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBDVA	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	
CBDV	< LOQ	0.133	%		09/13/23 12:28	09/13/23 21:04	

#### LCS(B23I097-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.7	0.137	%	90-110	09/13/23 12:28	09/13/23 21:20	
delta 9-THC	105	0.137	%	90-110	09/13/23 12:28	09/13/23 21:20	
CBDA	102	0.137	%	90-110	09/13/23 12:28	09/13/23 21:20	
CBD	106	0.137	%	90-110	09/13/23 12:28	09/13/23 21:20	
delta 8-THC	104	0.137	%	90-110	09/13/23 12:28	09/13/23 21:20	



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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