



### CBD Tincture

Sample ID: G4I0228-03

Matrix: Hemp Products

Test ID: 5034100

Source ID:

Date Sampled: 09/24/24

Date Accepted: 09/24/24

*Bumble B. Well*

### Results at a Glance

Total THC : <LOQ (0.0097%) %

Total CBD : 4.880 %



**ISO 17025  
ACCREDITED  
LABORATORY**

Nolan Mundie  
Lab Director - 9/26/2024



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*Bumble B. Well*

### Potency Analysis

Date/Time Extracted: 09/24/24 14:50

Analysis Method/SOP: 215

Batch Identification: 2439011

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0097	< LOQ	<p>Legend: CBD 4.9, Total: 4.9</p>
Total CBD	0.0097	48.8	
THCA	0.0097	< LOQ	
delta 9-THC	0.0097	< LOQ	
delta 8-THC	0.3737	< LOQ	
THCV	0.2916	< LOQ	
THCVA	0.4364	< LOQ	
CBD	0.0097	48.8	
CBDA	0.0097	< LOQ	
CBDV	0.3000	< LOQ	
CBDVA	0.4121	< LOQ	
CBN	0.2694	< LOQ	
CBG	0.3134	< LOQ	
CBGA	0.4154	< LOQ	
CBC	0.3931	< LOQ	

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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### Quality Control Potency

Batch: 2439011 - 215-Products

Blank(2439011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0020	%		09/24/24 14:50	09/24/24 17:12	
delta 9-THC	< LOQ	0.0020	%		09/24/24 14:50	09/24/24 17:12	
delta 8-THC	< LOQ	0.0754	%		09/24/24 14:50	09/24/24 17:12	
THCV	< LOQ	0.0589	%		09/24/24 14:50	09/24/24 17:12	
THCVA	< LOQ	0.0881	%		09/24/24 14:50	09/24/24 17:12	
CBD	< LOQ	0.0020	%		09/24/24 14:50	09/24/24 17:12	
CBDA	< LOQ	0.0020	%		09/24/24 14:50	09/24/24 17:12	
CBDV	< LOQ	0.0606	%		09/24/24 14:50	09/24/24 17:12	
CBDVA	< LOQ	0.0832	%		09/24/24 14:50	09/24/24 17:12	
CBN	< LOQ	0.0544	%		09/24/24 14:50	09/24/24 17:12	
CBG	< LOQ	0.0633	%		09/24/24 14:50	09/24/24 17:12	
CBGA	< LOQ	0.0839	%		09/24/24 14:50	09/24/24 17:12	
CBC	< LOQ	0.0794	%		09/24/24 14:50	09/24/24 17:12	

Reference(2439011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.2	0.0049	%	90-110	09/24/24 14:50	09/24/24 17:35	
delta 9-THC	95.2	0.0049	%	90-110	09/24/24 14:50	09/24/24 17:35	
delta 8-THC	91.1	0.1891	%	90-110	09/24/24 14:50	09/24/24 17:35	
CBD	92.9	0.0049	%	90-110	09/24/24 14:50	09/24/24 17:35	
CBDA	97.1	0.0049	%	90-110	09/24/24 14:50	09/24/24 17:35	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
  - BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
  - BLK Analyte detected in method blank, but not associated samples.
  - BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
  - BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
  - C Interference due to co-elution
  - CBD Interference due to co-elution
  - CV1 CBD matrix interference on GC Pest chromatography
  - CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
  - INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
  - ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
  - ISL Internal Standard concentration is above acceptance criteria.
  - MSH Internal Standard concentration is below acceptance criteria.
  - MSI Matrix Spike High - Matrix Spike recovery above method limits.
  - MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
  - TPP
  - U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- Internal Standard concentration outside control limit due to matrix interference



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