



CBD Tincture

Sample ID: G3H0049-03

Matrix: Hemp Products

Test ID: 5024140

Source ID:

Date Sampled: 08/02/23

Date Accepted: 08/02/23

Bumble B. Well

Results at a Glance

Total THC : <LOQ (0.0090%) %

Total CBD : 3.746 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 8/6/2023



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Source ID:

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Bumble B. Well

Potency Analysis by HPLC

Date/Time Extracted: 08/03/23 12:54

Analysis Method/SOP: 215

Batch Identification: 2331061

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0090	< LOQ	< LOQ	<p>A 3D pie chart with a single green slice representing 100% of the total. A legend box on the right indicates 'CBD 3.7' and 'Total: 3.7'. A label '3.7' points to the slice.</p>
Total CBD	0.0090	37.46	1060	
THCA	0.0090	< LOQ	< LOQ	
delta 9-THC	0.0090	< LOQ	< LOQ	
delta 8-THC	0.3446	< LOQ	< LOQ	
THCV	0.2689	< LOQ	< LOQ	
THCVA	0.4024	< LOQ	< LOQ	
CBD	0.0090	37.46	1060	
CBDA	0.0090	< LOQ	< LOQ	
CBDV	0.2767	< LOQ	< LOQ	
CBDVA	0.3800	< LOQ	< LOQ	
CBN	0.2484	< LOQ	< LOQ	
CBG	0.2890	< LOQ	< LOQ	
CBGA	0.3830	< LOQ	< LOQ	
CBC	0.3625	< LOQ	< LOQ	

Unit weight = 28.35 g as provided by client

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.



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Quality Control Potency

Batch: 2331061 - 215-Products

Blank(2331061-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
delta 9-THC	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
delta 8-THC	< LOQ	0.2815	%		08/03/23 12:54	08/03/23 17:34	
THCV	< LOQ	0.2197	%		08/03/23 12:54	08/03/23 17:34	
THCVA	< LOQ	0.3288	%		08/03/23 12:54	08/03/23 17:34	
CBD	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
CBDA	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
CBDV	< LOQ	0.2260	%		08/03/23 12:54	08/03/23 17:34	
CBDVA	< LOQ	0.3104	%		08/03/23 12:54	08/03/23 17:34	
CBN	< LOQ	0.2030	%		08/03/23 12:54	08/03/23 17:34	
CBG	< LOQ	0.2361	%		08/03/23 12:54	08/03/23 17:34	
CBGA	< LOQ	0.3130	%		08/03/23 12:54	08/03/23 17:34	
CBC	< LOQ	0.2962	%		08/03/23 12:54	08/03/23 17:34	

Reference(2331061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	
delta 9-THC	102	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	
delta 8-THC	102	0.3747	%	90-110	08/03/23 12:54	08/03/23 17:57	
CBD	99.2	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	
CBDA	94.0	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 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 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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