



47mg CBD Tincture

Sample ID: G3K0344-01

Matrix: Hemp Products

Test ID: 5023489

Source ID:

Date Sampled: 11/22/23

Date Accepted: 11/22/23

Flora Sophia Botanicals, LLC
joannaf@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.1628 %	0.1630 %	0.1625 %	0.307 % PASS
Total CBD:	4.844 %	4.918 %	4.769 %	3.08 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 11/27/2023

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Potency Analysis

Date/Time Extracted: 11/25/23 12:04

Analysis Method/SOP: 215

Batch Identification: 2347074

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	1.63		
Total CBD	0.0040	49.18		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	1.63		
delta 8-THC	0.1526	< LOQ		
THCV	0.1191	< LOQ		
THCVA	0.1782	< LOQ		
CBD	0.0040	49.18		
CBDA	0.0040	< LOQ		
CBDV	0.1225	< LOQ		
CBDVA	0.1683	< LOQ		
CBN	0.1100	< LOQ		
CBG	0.1280	< LOQ		
CBGA	0.1697	< LOQ		
CBC	0.1606	2.439		

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: 2347074 - 215-Products

Blank(2347074-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0041	%		11/25/23 12:04	11/25/23 17:55	
delta 9-THC	< LOQ	0.0041	%		11/25/23 12:04	11/25/23 17:55	
delta 8-THC	< LOQ	0.1563	%		11/25/23 12:04	11/25/23 17:55	
THCV	< LOQ	0.1220	%		11/25/23 12:04	11/25/23 17:55	
THCVA	< LOQ	0.1826	%		11/25/23 12:04	11/25/23 17:55	
CBD	< LOQ	0.0041	%		11/25/23 12:04	11/25/23 17:55	
CBDA	< LOQ	0.0041	%		11/25/23 12:04	11/25/23 17:55	
CBDV	< LOQ	0.1255	%		11/25/23 12:04	11/25/23 17:55	
CBDVA	< LOQ	0.1724	%		11/25/23 12:04	11/25/23 17:55	
CBN	< LOQ	0.1127	%		11/25/23 12:04	11/25/23 17:55	
CBG	< LOQ	0.1311	%		11/25/23 12:04	11/25/23 17:55	
CBGA	< LOQ	0.1738	%		11/25/23 12:04	11/25/23 17:55	
CBC	< LOQ	0.1645	%		11/25/23 12:04	11/25/23 17:55	

Reference(2347074-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.0259	%	90-110	11/25/23 12:04	11/25/23 18:18	
delta 9-THC	91.4	0.0259	%	90-110	11/25/23 12:04	11/25/23 18:18	
delta 8-THC	93.4	0.9936	%	90-110	11/25/23 12:04	11/25/23 18:18	
CBD	95.6	0.0259	%	90-110	11/25/23 12:04	11/25/23 18:18	
CBDA	95.3	0.0259	%	90-110	11/25/23 12:04	11/25/23 18:18	



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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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