



### FSB24TN60124 - 60mg CBD Tincture

Sample ID: G4C0366-01

Matrix: Hemp Products

Test ID: 5027143

Source ID:

Date Sampled: 03/25/24

Date Accepted: 03/25/24

**Flora Sophia Botanicals, LLC**  
joannaf@florasophiabotanicals.com

#### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0097%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	6.414 %	6.348 %	6.479 %	2.04 % PASS



**ISO 17025  
ACCREDITED  
LABORATORY**

Nolan Mundie  
Lab Director - 4/1/2024

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### Potency Analysis

Date/Time Extracted: 03/27/24 12:35

Analysis Method/SOP: 215

Batch Identification: 2413043

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0099	< LOQ	
Total CBD	0.0099	63.48	
THCA	0.0099	< LOQ	
delta 9-THC	0.0099	< LOQ	
delta 8-THC	0.3817	< LOQ	
THCV	0.2978	< LOQ	
THCVA	0.4457	< LOQ	
CBD	0.0099	63.48	
CBDA	0.0099	< LOQ	
CBDV	0.3065	< LOQ	
CBDVA	0.4209	< LOQ	
CBN	0.2752	< LOQ	
CBG	0.3201	< LOQ	
CBGA	0.4243	< LOQ	
CBC	0.4016	< 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: 2413043 - 215-Products

Blank(2413043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0019	%		03/27/24 12:35	03/27/24 23:27	
delta 9-THC	< LOQ	0.0019	%		03/27/24 12:35	03/27/24 23:27	
delta 8-THC	< LOQ	0.0744	%		03/27/24 12:35	03/27/24 23:27	
THCV	< LOQ	0.0581	%		03/27/24 12:35	03/27/24 23:27	
THCVA	< LOQ	0.0869	%		03/27/24 12:35	03/27/24 23:27	
CBD	< LOQ	0.0019	%		03/27/24 12:35	03/27/24 23:27	
CBDA	< LOQ	0.0019	%		03/27/24 12:35	03/27/24 23:27	
CBDV	< LOQ	0.0598	%		03/27/24 12:35	03/27/24 23:27	
CBDVA	< LOQ	0.0821	%		03/27/24 12:35	03/27/24 23:27	
CBN	< LOQ	0.0537	%		03/27/24 12:35	03/27/24 23:27	
CBG	< LOQ	0.0624	%		03/27/24 12:35	03/27/24 23:27	
CBGA	< LOQ	0.0828	%		03/27/24 12:35	03/27/24 23:27	
CBC	< LOQ	0.0783	%		03/27/24 12:35	03/27/24 23:27	

Reference(2413043-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0253	%	90-110	03/27/24 12:35	03/27/24 23:50	
delta 9-THC	96.6	0.0253	%	90-110	03/27/24 12:35	03/27/24 23:50	
delta 8-THC	104	0.9726	%	90-110	03/27/24 12:35	03/27/24 23:50	
CBD	95.3	0.0253	%	90-110	03/27/24 12:35	03/27/24 23:50	
CBDA	107	0.0253	%	90-110	03/27/24 12:35	03/27/24 23:50	



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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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