



### FSB24TNDA35126 - 35mg Tincture (23mg CBD 12mg CBDA)

Sample ID: G4D0154-03 Matrix: Hemp Products

Test ID: 5027156

Source ID:

Date Sampled: 04/09/24 Date Accepted: 04/09/24

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

#### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0039%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	3.355 %	3.273 %	3.437 %	4.89 % PASS



Nolan Mundie  
Lab Director - 4/15/2024

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### Potency Analysis

Date/Time Extracted: 04/12/24 09:00

Analysis Method/SOP: 215

Batch Identification: 2415057

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0038	< LOQ		
Total CBD	0.0038	32.73		
THCA	0.0038	< LOQ		
delta 9-THC	0.0038	< LOQ		
delta 8-THC	0.1477	< LOQ		
THCV	0.1153	< LOQ		
THCVA	0.1725	< LOQ		
CBD	0.0038	23.48		
CBDA	0.0038	10.55		
CBDV	0.1186	< LOQ		
CBDVA	0.1629	< LOQ		
CBN	0.1065	< LOQ		
CBG	0.1239	< LOQ		
CBGA	0.1642	< LOQ		
CBC	0.1554	< 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



**ISO 17025**  
ACCREDITED  
LABORATORY

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### Quality Control Potency

#### Batch: 2415057 - 215-Products

Blank(2415057-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		04/12/24 09:00	04/12/24 17:24	
delta 9-THC	< LOQ	0.0040	%		04/12/24 09:00	04/12/24 17:24	
delta 8-THC	< LOQ	0.1526	%		04/12/24 09:00	04/12/24 17:24	
THCV	< LOQ	0.1191	%		04/12/24 09:00	04/12/24 17:24	
THCVA	< LOQ	0.1782	%		04/12/24 09:00	04/12/24 17:24	
CBD	< LOQ	0.0040	%		04/12/24 09:00	04/12/24 17:24	
CBDA	< LOQ	0.0040	%		04/12/24 09:00	04/12/24 17:24	
CBDV	< LOQ	0.1225	%		04/12/24 09:00	04/12/24 17:24	
CBDVA	< LOQ	0.1683	%		04/12/24 09:00	04/12/24 17:24	
CBN	< LOQ	0.1100	%		04/12/24 09:00	04/12/24 17:24	
CBG	< LOQ	0.1280	%		04/12/24 09:00	04/12/24 17:24	
CBGA	< LOQ	0.1697	%		04/12/24 09:00	04/12/24 17:24	
CBC	< LOQ	0.1606	%		04/12/24 09:00	04/12/24 17:24	

Reference(2415057-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.1	0.0251	%	90-110	04/12/24 09:00	04/12/24 17:47	
delta 9-THC	104	0.0251	%	90-110	04/12/24 09:00	04/12/24 17:47	
delta 8-THC	97.3	0.9640	%	90-110	04/12/24 09:00	04/12/24 17:47	
CBD	93.1	0.0251	%	90-110	04/12/24 09:00	04/12/24 17:47	
CBDA	92.8	0.0251	%	90-110	04/12/24 09:00	04/12/24 17:47	



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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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