



### FSB25TN23A006

Sample ID: G5C0240-03

Matrix: Hemp Products

Test ID: 5035012

Source ID:

Date Sampled: 03/21/25

Date Accepted: 03/21/25

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

### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0019%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	2.381 %	2.379 %	2.382 %	0.126 % PASS



**ISO 17025  
ACCREDITED  
LABORATORY**

Nolan Mundie  
Lab Director - 3/26/2025

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### Potency Analysis

Date/Time Extracted: 03/25/25 10:07

Analysis Method/SOP: 215

Batch Identification: 2513012

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0019	< LOQ	<p>A 3D pie chart showing the cannabinoid profile. The largest slice is yellow, representing CBDA at 2.4 mg/g. A smaller green slice represents CBD at 0.2 mg/g. A legend box indicates: CBDA 2.4, CBD 0.2, Total: 2.7. Labels '2.4' and '0.2' point to their respective slices.</p>	
Total CBD	0.0019	23.79		
THCA	0.0019	< LOQ		
delta 9-THC	0.0019	< LOQ		
delta 8-THC	0.0019	< LOQ		
THCV	0.0019	< LOQ		
THCVA	0.0866	< LOQ		
CBD	0.0019	2.434		
CBDA	0.0019	24.35		
CBDV	0.0596	< LOQ		
CBDVA	0.0818	< LOQ		
CBN	0.0019	< LOQ		
CBG	0.0622	< LOQ		
CBGA	0.0825	< LOQ		
CBC	0.0781	< 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: 2513012 - 215-Products

Blank(2513012-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
delta 9-THC	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
delta 8-THC	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
THCV	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
THCVA	< LOQ	0.0920	%		03/25/25 10:07	03/25/25 17:59	
CBD	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
CBDA	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
CBDV	< LOQ	0.0633	%		03/25/25 10:07	03/25/25 17:59	
CBDVA	< LOQ	0.0869	%		03/25/25 10:07	03/25/25 17:59	
CBN	< LOQ	0.0021	%		03/25/25 10:07	03/25/25 17:59	
CBG	< LOQ	0.0661	%		03/25/25 10:07	03/25/25 17:59	
CBGA	< LOQ	0.0876	%		03/25/25 10:07	03/25/25 17:59	
CBC	< LOQ	0.0829	%		03/25/25 10:07	03/25/25 17:59	

Reference(2513012-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0096	%	90-110	03/25/25 10:07	03/26/25 10:11	
delta 9-THC	98.1	0.0096	%	90-110	03/25/25 10:07	03/26/25 10:11	
delta 8-THC	107	0.0096	%	90-110	03/25/25 10:07	03/26/25 10:11	
CBD	103	0.0096	%	90-110	03/25/25 10:07	03/26/25 10:11	
CBDA	108	0.0096	%	90-110	03/25/25 10:07	03/26/25 10:11	



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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 CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL Internal Standard concentration is below acceptance criteria.
- MSH 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 Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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