



### FSB25TN35DA009

Sample ID: G5F0005-04

Matrix: Hemp Products

Test ID: 5035886

Source ID:

Date Sampled: 06/02/25

Date Accepted: 06/02/25

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

### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.0657 %	0.0634 %	0.0680 %	7 % PASS
Total CBD:	3.353 %	3.317 %	3.388 %	2.12 % PASS



**ISO 17025**  
ACCREDITED  
LABORATORY

*Russell Kuhfeld*

Rusty Kuhfeld  
Lab Director - 6/23/2025



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### Potency Analysis

Date/Time Extracted: 06/04/25 11:42

Analysis Method/SOP: 215

Batch Identification: 2523023

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0009	0.634		
Total CBD	0.0018	33.17		
THCA	0.0009	< LOQ		
delta 9-THC	0.0009	0.634		
delta 8-THC	0.0009	< LOQ		
THCV	0.0009	< LOQ		
THCVA	0.0404	< LOQ		
CBD	0.0018	24.49		
CBDA	0.0018	9.901		
CBDV	0.0278	< LOQ		
CBDVA	0.0381	< LOQ		
CBN	0.0009	< LOQ		
CBG	0.0290	0.509		
CBGA	0.0384	< LOQ		
CBC	0.0364	1.178		

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: 2523023 - 215-Products

Blank(2523023-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
delta 9-THC	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
delta 8-THC	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
THCV	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
THCVA	< LOQ	0.0896	%		06/04/25 11:42	06/06/25 08:49	
CBD	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
CBDA	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
CBDV	< LOQ	0.0616	%		06/04/25 11:42	06/06/25 08:49	
CBDVA	< LOQ	0.0846	%		06/04/25 11:42	06/06/25 08:49	
CBN	< LOQ	0.0020	%		06/04/25 11:42	06/06/25 08:49	
CBG	< LOQ	0.0643	%		06/04/25 11:42	06/06/25 08:49	
CBGA	< LOQ	0.0853	%		06/04/25 11:42	06/06/25 08:49	
CBC	< LOQ	0.0807	%		06/04/25 11:42	06/06/25 08:49	

Reference(2523023-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	103	0.0097	%	90-110	06/04/25 11:42	06/06/25 09:13	
delta 9-THC	103	0.0097	%	90-110	06/04/25 11:42	06/06/25 09:13	
delta 8-THC	98.0	0.0097	%	90-110	06/04/25 11:42	06/06/25 09:13	
CBD	102	0.0097	%	90-110	06/04/25 11:42	06/06/25 09:13	
CBDA	106	0.0097	%	90-110	06/04/25 11:42	06/06/25 09:13	



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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.
  - 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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