



FSB25TN47002

Sample ID: G5A0265-01

Matrix: Hemp Products

Test ID: 5035361

Source ID:

Date Sampled: 01/21/25

Date Accepted: 01/21/25

Harvest/Prod. Date: 01.18.2025

Flora Sophia Botanicals, LLC

Francesco@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.1437 %	0.1430 %	0.1444 %	0.974 % PASS
Total CBD:	5.106 %	5.103 %	5.108 %	0.0979 % PASS



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Potency Analysis

Date/Time Extracted: 01/22/25 16:09

Analysis Method/SOP: 215

Batch Identification: 2504032

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0040	1.43		
Total CBD	0.0040	51.03		
THCA	0.0040	< LOQ		
delta 9-THC	0.0040	1.43		
delta 8-THC	0.1521	< LOQ		
THCV	0.1187	< LOQ		
THCVA	0.1777	< LOQ		
CBD	0.0040	51.03		
CBDA	0.0040	< LOQ		
CBDV	0.1221	< LOQ		
CBDVA	0.1678	< LOQ		
CBN	0.1097	< LOQ		
CBG	0.1276	1.326		
CBGA	0.1691	< LOQ		
CBC	0.1601	1.93		

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



Quality Control Potency

Batch: 2504032 - 215-Products

Blank(2504032-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0018	%		01/22/25 16:09	01/23/25 16:52	
delta 9-THC	< LOQ	0.0018	%		01/22/25 16:09	01/23/25 16:52	
delta 8-THC	< LOQ	0.0682	%		01/22/25 16:09	01/23/25 16:52	
THCV	< LOQ	0.0532	%		01/22/25 16:09	01/23/25 16:52	
THCVA	< LOQ	0.0796	%		01/22/25 16:09	01/23/25 16:52	
CBD	< LOQ	0.0018	%		01/22/25 16:09	01/23/25 16:52	
CBDA	< LOQ	0.0018	%		01/22/25 16:09	01/23/25 16:52	
CBDV	< LOQ	0.0548	%		01/22/25 16:09	01/23/25 16:52	
CBDVA	< LOQ	0.0752	%		01/22/25 16:09	01/23/25 16:52	
CBN	< LOQ	0.0492	%		01/22/25 16:09	01/23/25 16:52	
CBG	< LOQ	0.0572	%		01/22/25 16:09	01/23/25 16:52	
CBGA	< LOQ	0.0758	%		01/22/25 16:09	01/23/25 16:52	
CBC	< LOQ	0.0718	%		01/22/25 16:09	01/23/25 16:52	

Reference(2504032-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.2	0.0049	%	90-110	01/22/25 16:09	01/23/25 17:15	
delta 9-THC	100	0.0049	%	90-110	01/22/25 16:09	01/23/25 17:15	
delta 8-THC	95.7	0.1863	%	90-110	01/22/25 16:09	01/23/25 17:15	
CBD	95.4	0.0049	%	90-110	01/22/25 16:09	01/23/25 17:15	
CBDA	101	0.0049	%	90-110	01/22/25 16:09	01/23/25 17:15	



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
C	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
TPP	recovery accuracy in Matrix Spike.
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