



FSB24TN23127

Sample ID: G4E0076-03

Matrix: Hemp Products

Test ID: 5022324

Source ID:

Date Sampled: 05/03/24

Date Accepted: 05/03/24

Flora Sophia Botanicals, LLC
joannaf@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.0786 %	0.0788 %	0.0783 %	0.636 % PASS
Total CBD:	2.380 %	2.402 %	2.357 %	1.89 % PASS



**ISO 17025
ACCREDITED
LABORATORY**

Nolan Mundie
Lab Director - 5/8/2024

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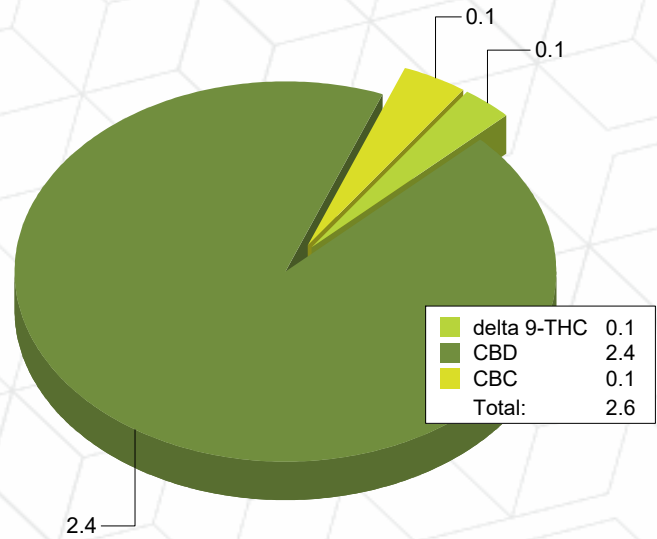
Potency Analysis

Date/Time Extracted: 05/07/24 12:09

Analysis Method/SOP: 215

Batch Identification: 2419015

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0005	0.788		
Total CBD	0.0020	24.02		
THCA	0.0005	< LOQ		
delta 9-THC	0.0005	0.788		
delta 8-THC	0.0764	< LOQ		
THCV	0.0596	< LOQ		
THCVA	0.0893	< LOQ		
CBD	0.0020	24.02		
CBDA	0.0020	< LOQ		
CBDV	0.0614	< LOQ		
CBDVA	0.0843	< LOQ		
CBN	0.0551	< LOQ		
CBG	0.0641	< LOQ		
CBGA	0.0850	< LOQ		
CBC	0.0804	0.977		



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: 2419015 - 215-Products

Blank(2419015-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		05/07/24 12:09	05/07/24 17:32	
delta 9-THC	< LOQ	0.0040	%		05/07/24 12:09	05/07/24 17:32	
delta 8-THC	< LOQ	0.1524	%		05/07/24 12:09	05/07/24 17:32	
THCV	< LOQ	0.1189	%		05/07/24 12:09	05/07/24 17:32	
THCVA	< LOQ	0.1780	%		05/07/24 12:09	05/07/24 17:32	
CBD	< LOQ	0.0040	%		05/07/24 12:09	05/07/24 17:32	
CBDA	< LOQ	0.0040	%		05/07/24 12:09	05/07/24 17:32	
CBDV	< LOQ	0.1224	%		05/07/24 12:09	05/07/24 17:32	
CBDVA	< LOQ	0.1681	%		05/07/24 12:09	05/07/24 17:32	
CBN	< LOQ	0.1099	%		05/07/24 12:09	05/07/24 17:32	
CBG	< LOQ	0.1278	%		05/07/24 12:09	05/07/24 17:32	
CBGA	< LOQ	0.1695	%		05/07/24 12:09	05/07/24 17:32	
CBC	< LOQ	0.1604	%		05/07/24 12:09	05/07/24 17:32	

Reference(2419015-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.0050	%	90-110	05/07/24 12:09	05/07/24 17:56	
delta 9-THC	102	0.0050	%	90-110	05/07/24 12:09	05/07/24 17:56	
delta 8-THC	101	0.1905	%	90-110	05/07/24 12:09	05/07/24 17:56	
CBD	102	0.0050	%	90-110	05/07/24 12:09	05/07/24 17:56	
CBDA	102	0.0050	%	90-110	05/07/24 12:09	05/07/24 17:56	



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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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