



FSB24TN60130

Sample ID: G4E0355-05

Matrix: Hemp Products

Test ID: 5022403

Source ID:

Date Sampled: 05/30/24

Date Accepted: 05/30/24

Flora Sophia Botanicals, LLC
joannaf@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.2201 %	0.2218 %	0.2184 %	1.54 % PASS
Total CBD:	6.154 %	6.118 %	6.190 %	1.17 % PASS



ISO 17025
ACCREDITED
LABORATORY

Nolan Mundie
Lab Director - 6/4/2024

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FSB24TN60130

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Matrix: Hemp Products

Test ID: 5022403

Source ID:

Date Sampled: 05/30/24

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Potency Analysis

Date/Time Extracted: 06/01/24 10:44

Analysis Method/SOP: 215

Batch Identification: 2422058

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile									
Total THC	0.0009	2.218		<table border="1"> <tr><td>delta 9-THC</td><td>0.2</td></tr> <tr><td>CBD</td><td>6.1</td></tr> <tr><td>CBC</td><td>0.3</td></tr> <tr><td>Total:</td><td>6.6</td></tr> </table>	delta 9-THC	0.2	CBD	6.1	CBC	0.3	Total:	6.6
delta 9-THC	0.2											
CBD	6.1											
CBC	0.3											
Total:	6.6											
Total CBD	0.0038	61.18										
THCA	0.0009	< LOQ										
delta 9-THC	0.0009	2.218										
delta 8-THC	0.1454	< LOQ										
THCV	0.1134	< LOQ										
THCVA	0.1698	< LOQ										
CBD	0.0038	61.18										
CBDA	0.0038	< LOQ										
CBDV	0.1167	< LOQ										
CBDVA	0.1603	< LOQ										
CBN	0.1048	< LOQ										
CBG	0.1219	< LOQ										
CBGA	0.1616	< LOQ										
CBC	0.1530	2.698										

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: 2422058 - 215-Products

Blank(2422058-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		06/01/24 10:44	06/01/24 16:04	
delta 9-THC	< LOQ	0.0040	%		06/01/24 10:44	06/01/24 16:04	
delta 8-THC	< LOQ	0.1533	%		06/01/24 10:44	06/01/24 16:04	
THCV	< LOQ	0.1196	%		06/01/24 10:44	06/01/24 16:04	
THCVA	< LOQ	0.1790	%		06/01/24 10:44	06/01/24 16:04	
CBD	< LOQ	0.0040	%		06/01/24 10:44	06/01/24 16:04	
CBDA	< LOQ	0.0040	%		06/01/24 10:44	06/01/24 16:04	
CBDV	< LOQ	0.1231	%		06/01/24 10:44	06/01/24 16:04	
CBDVA	< LOQ	0.1690	%		06/01/24 10:44	06/01/24 16:04	
CBN	< LOQ	0.1105	%		06/01/24 10:44	06/01/24 16:04	
CBG	< LOQ	0.1286	%		06/01/24 10:44	06/01/24 16:04	
CBGA	< LOQ	0.1704	%		06/01/24 10:44	06/01/24 16:04	
CBC	< LOQ	0.1613	%		06/01/24 10:44	06/01/24 16:04	

Reference(2422058-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	104	0.0049	%	90-110	06/01/24 10:44	06/01/24 16:27	
delta 9-THC	103	0.0049	%	90-110	06/01/24 10:44	06/01/24 16:27	
delta 8-THC	100	0.1896	%	90-110	06/01/24 10:44	06/01/24 16:27	
CBD	102	0.0049	%	90-110	06/01/24 10:44	06/01/24 16:27	
CBDA	104	0.0049	%	90-110	06/01/24 10:44	06/01/24 16:27	



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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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