



47mg Orange

Sample ID: G4A0109-01

Matrix: Hemp Products

Test ID: 5023397

Source ID:

Date Sampled: 01/10/24

Date Accepted: 01/10/24

Flora Sophia Botanicals, LLC
joannaf@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0092%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	4.602 %	4.615 %	4.589 %	0.565 % PASS



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 1/22/2024

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Potency Analysis

Date/Time Extracted: 01/11/24 10:41

Analysis Method/SOP: 215

Batch Identification: 2402059

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0092	< LOQ	<p>A 3D pie chart showing a single green slice representing 100% of the total. A legend indicates 'CBD 4.6' and 'Total: 4.6'. A label '4.6' points to the slice.</p>
Total CBD	0.0092	46.15	
THCA	0.0092	< LOQ	
delta 9-THC	0.0092	< LOQ	
delta 8-THC	0.3534	< LOQ	
THCV	0.2758	< LOQ	
THCVA	0.4128	< LOQ	
CBD	0.0092	46.15	
CBDA	0.0092	< LOQ	
CBDV	0.2838	< LOQ	
CBDVA	0.3898	< LOQ	
CBN	0.2548	< LOQ	
CBG	0.2964	< LOQ	
CBGA	0.3929	< LOQ	
CBC	0.3719	< 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: 2402059 - 215-Products

Blank(2402059-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		01/11/24 10:41	01/11/24 15:24	
delta 9-THC	< LOQ	0.0040	%		01/11/24 10:41	01/11/24 15:24	
delta 8-THC	< LOQ	0.1527	%		01/11/24 10:41	01/11/24 15:24	
THCV	< LOQ	0.1191	%		01/11/24 10:41	01/11/24 15:24	
THCVA	< LOQ	0.1783	%		01/11/24 10:41	01/11/24 15:24	
CBD	< LOQ	0.0040	%		01/11/24 10:41	01/11/24 15:24	
CBDA	< LOQ	0.0040	%		01/11/24 10:41	01/11/24 15:24	
CBDV	< LOQ	0.1226	%		01/11/24 10:41	01/11/24 15:24	
CBDVA	< LOQ	0.1684	%		01/11/24 10:41	01/11/24 15:24	
CBN	< LOQ	0.1101	%		01/11/24 10:41	01/11/24 15:24	
CBG	< LOQ	0.1280	%		01/11/24 10:41	01/11/24 15:24	
CBGA	< LOQ	0.1697	%		01/11/24 10:41	01/11/24 15:24	
CBC	< LOQ	0.1606	%		01/11/24 10:41	01/11/24 15:24	

Reference(2402059-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.0	0.0251	%	90-110	01/11/24 10:41	01/11/24 15:47	
delta 9-THC	97.6	0.0251	%	90-110	01/11/24 10:41	01/11/24 15:47	
delta 8-THC	96.8	0.9636	%	90-110	01/11/24 10:41	01/11/24 15:47	
CBD	105	0.0251	%	90-110	01/11/24 10:41	01/11/24 15:47	
CBDA	96.8	0.0251	%	90-110	01/11/24 10:41	01/11/24 15:47	



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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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