



47mg Orange CBD - FSB23TN470104

Sample ID: G3H0023-03

Matrix: Hemp Products

Test ID: 5028539

Source ID:

Date Sampled: 07/31/23

Date Accepted: 07/31/23

Flora Sophia Botanicals, LLC
joannaf@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.1807 %	0.1796 %	0.1817 %	1.16 % PASS
Total CBD:	5.326 %	5.403 %	5.248 %	2.91 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 8/7/2023

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Potency Analysis by HPLC

Date/Time Extracted: 08/02/23 12:01

Analysis Method/SOP: 215

Batch Identification: 2331037

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	1.796		
Total CBD	0.0040	54.03		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	1.796		
delta 8-THC	0.1529	< LOQ		
THCV	0.1193	< LOQ		
THCVA	0.1786	< LOQ		
CBD	0.0040	54.03		
CBDA	0.0040	< LOQ		
CBDV	0.1228	< LOQ		
CBDVA	0.1686	< LOQ		
CBN	0.1103	< LOQ		
CBG	0.1282	< LOQ		
CBGA	0.1700	< LOQ		
CBC	0.1609	2.288		

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.



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Quality Control Potency

Batch: 2331037 - 215-Products

Blank(2331037-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		08/02/23 12:01	08/02/23 22:29	
delta 9-THC	< LOQ	0.0039	%		08/02/23 12:01	08/02/23 22:29	
delta 8-THC	< LOQ	0.1510	%		08/02/23 12:01	08/02/23 22:29	
THCV	< LOQ	0.1178	%		08/02/23 12:01	08/02/23 22:29	
THCVA	< LOQ	0.1763	%		08/02/23 12:01	08/02/23 22:29	
CBD	< LOQ	0.0039	%		08/02/23 12:01	08/02/23 22:29	
CBDA	< LOQ	0.0039	%		08/02/23 12:01	08/02/23 22:29	
CBDV	< LOQ	0.1212	%		08/02/23 12:01	08/02/23 22:29	
CBDVA	< LOQ	0.1665	%		08/02/23 12:01	08/02/23 22:29	
CBN	< LOQ	0.1089	%		08/02/23 12:01	08/02/23 22:29	
CBG	< LOQ	0.1266	%		08/02/23 12:01	08/02/23 22:29	
CBGA	< LOQ	0.1679	%		08/02/23 12:01	08/02/23 22:29	
CBC	< LOQ	0.1589	%		08/02/23 12:01	08/02/23 22:29	

Reference(2331037-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	104	0.0098	%	90-110	08/02/23 12:01	08/02/23 22:52	
delta 9-THC	101	0.0098	%	90-110	08/02/23 12:01	08/02/23 22:52	
delta 8-THC	99.0	0.3773	%	90-110	08/02/23 12:01	08/02/23 22:52	
CBD	95.7	0.0098	%	90-110	08/02/23 12:01	08/02/23 22:52	
CBDA	90.7	0.0098	%	90-110	08/02/23 12:01	08/02/23 22:52	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 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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