



### 70mg CBG - FSB23TN70DG102

Sample ID: G3H0023-01 Matrix: Hemp Products

Test ID: 5028538

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:	0.1072 %	0.1095 %	0.1048 %	4.38 % PASS
Total CBD:	5.160 %	5.187 %	5.133 %	1.05 % PASS
Total CBG:	2.131 %	2.141 %	2.121 %	



**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	0.0040	1.095		
Total CBD	0.0040	51.87		
Total CBG	0.1099	21.41		
THCA	0.0040	< LOQ		
delta 9-THC	0.0040	1.095		
delta 8-THC	0.1524	< LOQ		
THCV	0.1189	< LOQ		
THCVA	0.1780	< LOQ		
CBD	0.0040	51.87		
CBDA	0.0040	< LOQ		
CBDV	0.1224	< LOQ		
CBDVA	0.1681	< LOQ		
CBN	0.1099	< LOQ		
CBG	0.1278	21.41		
CBGA	0.1695	< LOQ		
CBC	0.1604	2.679		

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.
C	
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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