



### FSB23TN20G105 - Full Spectrum CBG Oil 20mg CBG/ml

Sample ID: G3H0114-01 Matrix: Hemp Products

Test ID: 5028549

Source ID:

Date Sampled: 08/04/23 Date Accepted: 08/04/23

*Flora Sophia Botanicals, LLC*  
joannaf@florasophiabotanicals.com

#### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0096%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	0.3524 %	0.3510 %	0.3537 %	0.766 % PASS
Total CBG:	2.149 %	2.166 %	2.132 %	



ISO 17025  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 8/9/2023

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### Potency Analysis by HPLC

Date/Time Extracted: 08/08/23 12:25

Analysis Method/SOP: 215

Batch Identification: 2332027

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0098	< LOQ	
Total CBD	0.0098	3.51	
Total CBG	0.2701	21.66	
THCA	0.0098	< LOQ	
delta 9-THC	0.0098	< LOQ	
delta 8-THC	0.3745	< LOQ	
THCV	0.2922	< LOQ	
THCVA	0.4374	< LOQ	
CBD	0.0098	3.51	
CBDA	0.0098	< LOQ	
CBDV	0.3007	< LOQ	
CBDVA	0.4130	< LOQ	
CBN	0.2701	< LOQ	
CBG	0.3141	21.66	
CBGA	0.4164	< LOQ	
CBC	0.3941	< 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.



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### Quality Control Potency

#### Batch: 2332027 - 215-Products

Blank(2332027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0075	%		08/08/23 12:25	08/08/23 17:47	
delta 9-THC	< LOQ	0.0075	%		08/08/23 12:25	08/08/23 17:47	
delta 8-THC	< LOQ	0.2865	%		08/08/23 12:25	08/08/23 17:47	
THCV	< LOQ	0.2236	%		08/08/23 12:25	08/08/23 17:47	
THCVA	< LOQ	0.3346	%		08/08/23 12:25	08/08/23 17:47	
CBD	< LOQ	0.0075	%		08/08/23 12:25	08/08/23 17:47	
CBDA	< LOQ	0.0075	%		08/08/23 12:25	08/08/23 17:47	
CBDV	< LOQ	0.2301	%		08/08/23 12:25	08/08/23 17:47	
CBDVA	< LOQ	0.3160	%		08/08/23 12:25	08/08/23 17:47	
CBN	< LOQ	0.2066	%		08/08/23 12:25	08/08/23 17:47	
CBG	< LOQ	0.2403	%		08/08/23 12:25	08/08/23 17:47	
CBGA	< LOQ	0.3186	%		08/08/23 12:25	08/08/23 17:47	
CBC	< LOQ	0.3015	%		08/08/23 12:25	08/08/23 17:47	

Reference(2332027-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	110	0.0097	%	90-110	08/08/23 12:25	08/08/23 18:10	
delta 9-THC	107	0.0097	%	90-110	08/08/23 12:25	08/08/23 18:10	
delta 8-THC	106	0.3721	%	90-110	08/08/23 12:25	08/08/23 18:10	
CBD	104	0.0097	%	90-110	08/08/23 12:25	08/08/23 18:10	
CBDA	98.3	0.0097	%	90-110	08/08/23 12:25	08/08/23 18:10	



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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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