



### 20mg CBG

Sample ID: G3L0053-01

Matrix: Hemp Products

Test ID: 5023392

Source ID:

Date Sampled: 12/01/23

Date Accepted: 12/01/23

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

### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0056%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	0.5378 %	0.5411 %	0.5345 %	1.23 % PASS
Total CBG:	2.076 %	2.098 %	2.053 %	



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 12/6/2023

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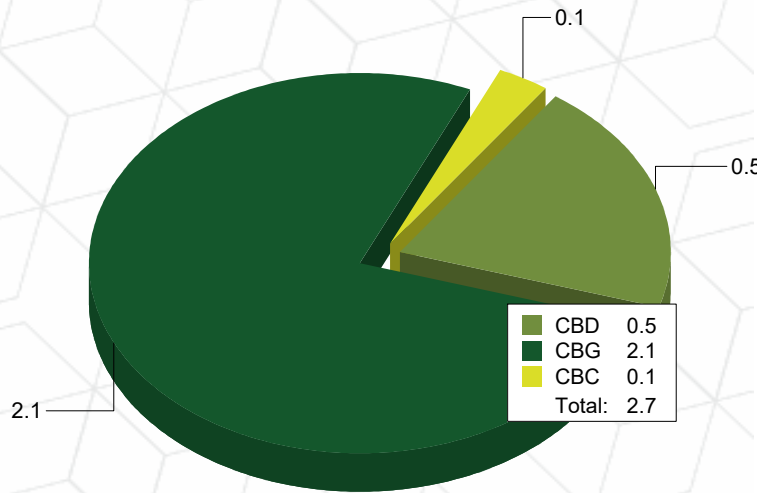
### Potency Analysis

Date/Time Extracted: 12/05/23 13:07

Analysis Method/SOP: 215

Batch Identification: 2349027

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0093	< LOQ		
Total CBD	0.0019	5.411		
Total CBG	0.0517	20.98		
THCA	0.0019	< LOQ		
delta 9-THC	0.0019	< LOQ		
delta 8-THC	0.0717	< LOQ		
THCV	0.0559	< LOQ		
THCVA	0.0837	< LOQ		
CBD	0.0019	5.411	0.5	
CBDA	0.0019	< LOQ		
CBDV	0.0575	< LOQ		
CBDVA	0.0790	< LOQ		
CBN	0.0517	< LOQ		
CBG	0.0601	20.98	2.1	
CBGA	0.0797	< LOQ		
CBC	0.0754	0.847	0.1	
				Total: 2.7



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: 2349027 - 215-Products

Blank(2349027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0037	%		12/05/23 13:07	12/05/23 17:15	
delta 9-THC	< LOQ	0.0037	%		12/05/23 13:07	12/05/23 17:15	
delta 8-THC	< LOQ	0.1413	%		12/05/23 13:07	12/05/23 17:15	
THCV	< LOQ	0.1103	%		12/05/23 13:07	12/05/23 17:15	
THCVA	< LOQ	0.1650	%		12/05/23 13:07	12/05/23 17:15	
CBD	< LOQ	0.0037	%		12/05/23 13:07	12/05/23 17:15	
CBDA	< LOQ	0.0037	%		12/05/23 13:07	12/05/23 17:15	
CBDV	< LOQ	0.1135	%		12/05/23 13:07	12/05/23 17:15	
CBDVA	< LOQ	0.1558	%		12/05/23 13:07	12/05/23 17:15	
CBN	< LOQ	0.1019	%		12/05/23 13:07	12/05/23 17:15	
CBG	< LOQ	0.1185	%		12/05/23 13:07	12/05/23 17:15	
CBGA	< LOQ	0.1571	%		12/05/23 13:07	12/05/23 17:15	
CBC	< LOQ	0.1487	%		12/05/23 13:07	12/05/23 17:15	

Reference(2349027-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.6	0.0254	%	90-110	12/05/23 13:07	12/05/23 17:38	
delta 9-THC	109	0.0254	%	90-110	12/05/23 13:07	12/05/23 17:38	
delta 8-THC	101	0.9742	%	90-110	12/05/23 13:07	12/05/23 17:38	
CBD	104	0.0254	%	90-110	12/05/23 13:07	12/05/23 17:38	
CBDA	100	0.0254	%	90-110	12/05/23 13:07	12/05/23 17:38	



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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.
- C Interference due to co-elution
- CBD CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL Internal Standard concentration is below acceptance criteria.
- MSH Matrix Spike High - Matrix Spike recovery above method limits.
- MSI Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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