



### FSB24TN70DG123 - 70mg CBD CBG

Sample ID: G4C0047-01 Matrix: Hemp Products

Test ID: 5028379

Source ID:

Date Sampled: 03/04/24 Date Accepted: 03/04/24

*Flora Sophia Botanicals, LLC*  
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#### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.0094%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	4.892 %	4.868 %	4.915 %	0.961 % PASS
Total CBG:	2.421 %	2.410 %	2.432 %	



ISO 17025  
ACCREDITED  
LABORATORY

Patrick Hermonson  
Quality Officer - 3/12/2024

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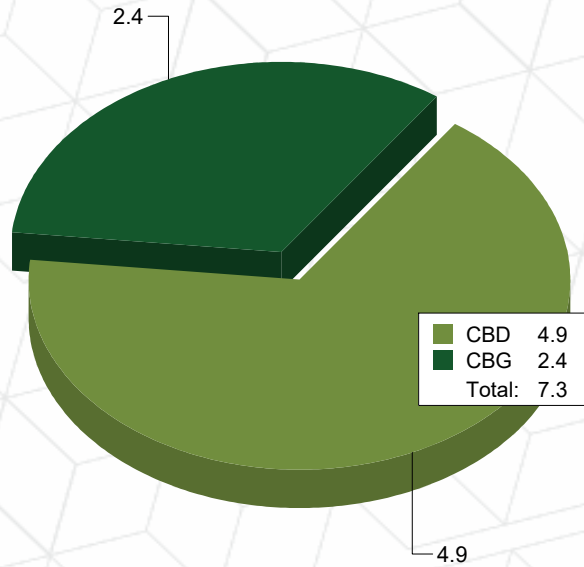
### Potency Analysis

Date/Time Extracted: 03/05/24 12:42

Analysis Method/SOP: 215

Batch Identification: 2410015

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0094	< LOQ	
Total CBD	0.0094	48.68	
Total CBG	0.2593	24.1	
THCA	0.0094	< LOQ	
delta 9-THC	0.0094	< LOQ	
delta 8-THC	0.3597	< LOQ	
THCV	0.2806	< LOQ	
THCVA	0.4200	< LOQ	
CBD	0.0094	48.68	
CBDA	0.0094	< LOQ	
CBDV	0.2888	< LOQ	
CBDVA	0.3966	< LOQ	
CBN	0.2593	< LOQ	
CBG	0.3016	24.1	
CBGA	0.3998	< LOQ	
CBC	0.3784	< 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: 2410015 - 215-Products

Blank(2410015-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0034	%		03/05/24 12:42	03/05/24 16:27	
delta 9-THC	< LOQ	0.0034	%		03/05/24 12:42	03/05/24 16:27	
delta 8-THC	< LOQ	0.1323	%		03/05/24 12:42	03/05/24 16:27	
THCV	< LOQ	0.1032	%		03/05/24 12:42	03/05/24 16:27	
THCVA	< LOQ	0.1545	%		03/05/24 12:42	03/05/24 16:27	
CBD	< LOQ	0.0034	%		03/05/24 12:42	03/05/24 16:27	
CBDA	< LOQ	0.0034	%		03/05/24 12:42	03/05/24 16:27	
CBDV	< LOQ	0.1062	%		03/05/24 12:42	03/05/24 16:27	
CBDVA	< LOQ	0.1459	%		03/05/24 12:42	03/05/24 16:27	
CBN	< LOQ	0.0954	%		03/05/24 12:42	03/05/24 16:27	
CBG	< LOQ	0.1110	%		03/05/24 12:42	03/05/24 16:27	
CBGA	< LOQ	0.1471	%		03/05/24 12:42	03/05/24 16:27	
CBC	< LOQ	0.1392	%		03/05/24 12:42	03/05/24 16:27	

Reference(2410015-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	93.7	0.0254	%	90-110	03/05/24 12:42	03/05/24 16:50	
delta 9-THC	97.0	0.0254	%	90-110	03/05/24 12:42	03/05/24 16:50	
delta 8-THC	97.1	0.9761	%	90-110	03/05/24 12:42	03/05/24 16:50	
CBD	92.7	0.0254	%	90-110	03/05/24 12:42	03/05/24 16:50	
CBDA	105	0.0254	%	90-110	03/05/24 12:42	03/05/24 16:50	



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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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