



Pet.7.1.21

Sample ID: G1G0033-02

Matrix: Hemp Products

Test ID: 5015394

Source ID:

Date Sampled: 07/02/21

Date Accepted: 07/02/21

Flora Sophia Botanicals

Results at a Glance

Total THC : <LOQ (0.0587%) %

Total CBD : 1.282 %



ISO 17025
ACCREDITED
LABORATORY

Brittany Wiemer

Brittany Wiemer
Quality Officer - 7/5/2021

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Sample ID: G1G0033-02

Matrix: Hemp Products

Test ID: 5015394

Source ID:

Date Sampled: 07/02/21

Date Accepted: 07/02/21

Flora Sophia Botanicals

Potency Analysis

Date/Time Extracted: 07/02/21 10:27

Analysis Method/SOP: 215

Batch Identification: 2127060

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0587	< LOQ	<p>Legend: CBD 1.3, Total: 1.3</p>
Total CBD	0.0612	12.82	
THCA	0.0847	< LOQ	
delta 9-THC	0.0587	< LOQ	
THCV	0.0576	< LOQ	
THCVA	0.0862	< LOQ	
CBD	0.0612	12.82	
CBDA	0.0844	< LOQ	
CBDV	0.0592	< LOQ	
CBDVA	0.0814	< LOQ	
CBN	0.0532	< LOQ	
CBG	0.0619	< LOQ	
CBGA	0.0820	< LOQ	
CBC	0.0776	< 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: 2127060 - 215-Products

Blank(2127060-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
THCA	< LOQ	0.0221	%		07/02/21 10:27	07/02/21 18:12	
delta 9-THC	< LOQ	0.0153	%		07/02/21 10:27	07/02/21 18:12	
THCV	< LOQ	0.0150	%		07/02/21 10:27	07/02/21 18:12	
THCVA	< LOQ	0.0224	%		07/02/21 10:27	07/02/21 18:12	
CBD	< LOQ	0.0159	%		07/02/21 10:27	07/02/21 18:12	
CBDA	< LOQ	0.0220	%		07/02/21 10:27	07/02/21 18:12	
CBDV	< LOQ	0.0154	%		07/02/21 10:27	07/02/21 18:12	
CBDVA	< LOQ	0.0212	%		07/02/21 10:27	07/02/21 18:12	
CBN	< LOQ	0.0138	%		07/02/21 10:27	07/02/21 18:12	
CBG	< LOQ	0.0161	%		07/02/21 10:27	07/02/21 18:12	
CBGA	< LOQ	0.0213	%		07/02/21 10:27	07/02/21 18:12	
CBC	< LOQ	0.0202	%		07/02/21 10:27	07/02/21 18:12	

Reference(2127060-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
delta 9-THC	99.0	0.0153	%	80-120	07/02/21 10:27	07/02/21 18:35	
CBD	104	0.0159	%	80-120	07/02/21 10:27	07/02/21 18:35	



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Notes and Definitions

- 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 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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