



# Green Leaf Lab®

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## Quality Control Testing Official Report

**1400.7.1.21**

Sample ID: G1G0033-07

Matrix: Hemp Products

Test ID: 5015402

Source ID:

Date Sampled: 07/02/21

Date Accepted: 07/02/21

*Flora Sophia Botanicals*

### Results at a Glance

Total THC : 0.1765 %

Total CBD : 5.086 %



**ISO 17025  
ACCREDITED  
LABORATORY**

*Brittany Wiemer*

Brittany Wiemer  
Quality Officer - 7/5/2021

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### 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	0.1172	1.765		
Total CBD	0.1222	50.86		
THCA	0.1692	< LOQ		
delta 9-THC	0.1172	1.765		
THCV	0.1150	< LOQ		
THCVA	0.1721	< LOQ		
CBD	0.1222	50.86		
CBDA	0.1685	< LOQ		
CBDV	0.1183	< LOQ		
CBDVA	0.1625	< LOQ		
CBN	0.1062	< LOQ		
CBG	0.1236	1.466		
CBGA	0.1638	< LOQ		
CBC	0.1550	2.395		

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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