



CBD/CBG/CBN Tincture

Sample ID: G110262-01

Matrix: Hemp Products

Test ID: 5014494

Source ID:

Date Sampled: 09/13/21

Date Accepted: 09/13/21

Fern Valley Farms

Results at a Glance

Total THC : 0.1589 %

Total CBD : 3.956 %

Total CBG : 4.249 %

CBN : 3.688 % PASS



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 9/16/2021

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Potency Analysis

Date/Time Extracted: 09/15/21 09:52

Analysis Method/SOP: 215

Batch Identification: 2138028

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.1208	1.589		
Total CBD	0.1260	39.56		
Total CBG	0.1095	42.49		
THCA	0.5267	< LOQ		
delta 9-THC	0.5267	1.589		
THCV	0.1185	< LOQ		
THCVA	0.1773	< LOQ		
CBD	0.5267	39.56		
CBDA	0.5267	< LOQ		
CBDV	0.1219	< LOQ		
CBDVA	0.1674	< LOQ		
CBN	0.1095	36.88		
CBG	0.1273	42.49		
CBGA	0.1688	< LOQ		
CBC	0.1597	2.612		

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: 2138028 - 215-Products

Blank(2138028-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0666	%		09/15/21 09:52	09/15/21 16:08	
delta 9-THC	< LOQ	0.0666	%		09/15/21 09:52	09/15/21 16:08	
THCV	< LOQ	0.0150	%		09/15/21 09:52	09/15/21 16:08	
THCVA	< LOQ	0.0224	%		09/15/21 09:52	09/15/21 16:08	
CBD	< LOQ	0.0666	%		09/15/21 09:52	09/15/21 16:08	
CBDA	< LOQ	0.0666	%		09/15/21 09:52	09/15/21 16:08	
CBDV	< LOQ	0.0154	%		09/15/21 09:52	09/15/21 16:08	
CBDVA	< LOQ	0.0212	%		09/15/21 09:52	09/15/21 16:08	
CBN	< LOQ	0.0138	%		09/15/21 09:52	09/15/21 16:08	
CBG	< LOQ	0.0161	%		09/15/21 09:52	09/15/21 16:08	
CBGA	< LOQ	0.0213	%		09/15/21 09:52	09/15/21 16:08	
CBC	< LOQ	0.0202	%		09/15/21 09:52	09/15/21 16:08	

Reference(2138028-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	95.8	0.0666	%	80-120	09/15/21 09:52	09/15/21 16:31	
CBD	103	0.0666	%	80-120	09/15/21 09:52	09/15/21 16:31	



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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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