



D8 Tincture

Sample ID: G1I0262-02

Matrix: Hemp Products

Test ID: 5014495

Source ID:

Date Sampled: 09/13/21

Date Accepted: 09/13/21

Fern Valley Farms

Results at a Glance

Total THC : <LOQ (0.1219%) %

Total CBD : <LOQ (0.1272%) %

delta 8-THC : 3.872 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 9/16/2021

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D8 Tincture

Sample ID: G110262-02

Matrix: Hemp Products

Test ID: 5014495

Source ID:

Date Sampled: 09/13/21

Date Accepted: 09/13/21

Fern Valley Farms

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	0.1219	< LOQ	
Total CBD	0.1272	< LOQ	
THCA	0.5317	< LOQ	
delta 9-THC	0.5317	< LOQ	
delta 8-THC	0.1533	38.72	
THCV	0.1196	< LOQ	
THCVA	0.1790	< LOQ	
CBD	0.5317	< LOQ	
CBDA	0.5317	< LOQ	
CBDV	0.1231	< LOQ	
CBDVA	0.1690	< LOQ	
CBN	0.1105	< LOQ	
CBG	0.1286	< LOQ	
CBGA	0.1704	< LOQ	
CBC	0.1613	< 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: 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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