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#### **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





Eric Wendt Chief Science Officer - 9/16/2021



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#### **D8 Tincture**

Sample ID: G1I0262-02

**Test ID**: 5014495

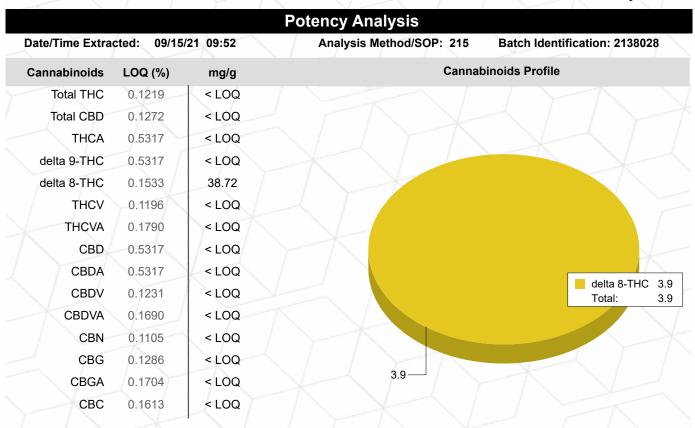
Source ID:

**Date Sampled: 09/13/21** 

Matrix: Hemp Products

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Fern Valley Farms



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-ca	nnabi	s matrix	related	inter	ference	e or	suppr	ession (	of I	nternal standar	d
			_	_								

- 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
- C manually for all samples.
- 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
- TPP recovery accuracy in Matrix Spike.
- 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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