



Micronized D8

Sample ID: G1H0041-01

Matrix: Hemp Extracts &

Test ID: 5014289

Source ID:

Date Sampled: 08/03/21

Date Accepted: 08/03/21

Fern Valley Farms

Results at a Glance

Total THC : <LOQ (0.0606%) %

Total CBD : <LOQ (0.0166%) %

delta 8-THC : 20.30 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 8/9/2021

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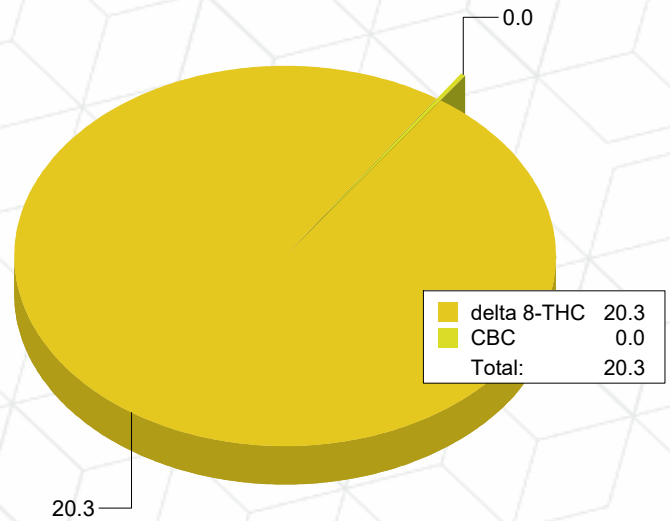
Potency Analysis

Date/Time Extracted: 08/04/21 10:35

Analysis Method/SOP: 215

Batch Identification: 2132033

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0606	< LOQ	< LOQ	
Total CBD	0.0166	< LOQ	< LOQ	
THCA	0.0234	< LOQ	< LOQ	
delta 9-THC	0.0606	< LOQ	< LOQ	
delta 8-THC	0.0359	20.30	203	
Exo-THC	0.0084	< LOQ	< LOQ	
THCV	0.0404	< LOQ	< LOQ	
THCVA	0.0151	< LOQ	< LOQ	
CBD	0.0124	< LOQ	< LOQ	
CBDA	0.0166	< LOQ	< LOQ	
CBDV	0.0400	< LOQ	< LOQ	
CBDVA	0.0131	< LOQ	< LOQ	
CBN	0.0239	< LOQ	< LOQ	
CBG	0.0063	< LOQ	< LOQ	
CBGA	0.0063	< LOQ	< LOQ	
CBC	0.0072	0.0486	0.486	
Total Cannabinoids		20.35	203.5	



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: 2132033 - 215-Concentrates

Blank(2132033-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0076	%		08/04/21 10:35	08/05/21 17:12	
delta 9-THC	< LOQ	0.0197	%		08/04/21 10:35	08/05/21 17:12	
delta 8-THC	< LOQ	0.0117	%		08/04/21 10:35	08/05/21 17:12	
Exo-THC	< LOQ	0.0027	%		08/04/21 10:35	08/05/21 17:12	
THCV	< LOQ	0.0131	%		08/04/21 10:35	08/05/21 17:12	
THCVA	< LOQ	0.0049	%		08/04/21 10:35	08/05/21 17:12	
CBD	< LOQ	0.0040	%		08/04/21 10:35	08/05/21 17:12	
CBDA	< LOQ	0.0054	%		08/04/21 10:35	08/05/21 17:12	
CBDV	< LOQ	0.0130	%		08/04/21 10:35	08/05/21 17:12	
CBDVA	< LOQ	0.0043	%		08/04/21 10:35	08/05/21 17:12	
CBN	< LOQ	0.0078	%		08/04/21 10:35	08/05/21 17:12	
CBG	< LOQ	0.0020	%		08/04/21 10:35	08/05/21 17:12	
CBGA	< LOQ	0.0020	%		08/04/21 10:35	08/05/21 17:12	
CBC	< LOQ	0.0023	%		08/04/21 10:35	08/05/21 17:12	

Reference(2132033-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.5	0.0309	%	70-130	08/04/21 10:35	08/05/21 17:34	
delta 9-THC	97.4	0.0802	%	70-130	08/04/21 10:35	08/05/21 17:34	
CBD	99.0	0.0165	%	70-130	08/04/21 10:35	08/05/21 17:34	
CBDA	94.5	0.0220	%	70-130	08/04/21 10:35	08/05/21 17:34	



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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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