



00-0920-D8C-3

Sample ID: G110410-02

Matrix: Hemp Extracts &

Test ID: 5019990

Source ID:

Date Sampled: 09/22/21

Date Accepted: 09/22/21

Harvest/Prod. Date: 09/20/2021

H2 Processing LLC

Results at a Glance

Total THC : <LOQ (0.6307%) %

Total CBD : <LOQ (0.1725%) %

delta 8-THC : 90.52 % PASS



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 9/26/2021

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00-0920-D8C-3

Sample ID: G1I0410-02

Matrix: Hemp Extracts &

Test ID: 5019990

Source ID:

Date Sampled: 09/22/21

Date Accepted: 09/22/21

Harvest/Prod. Date: 09/20/2021

H2 Processing LLC

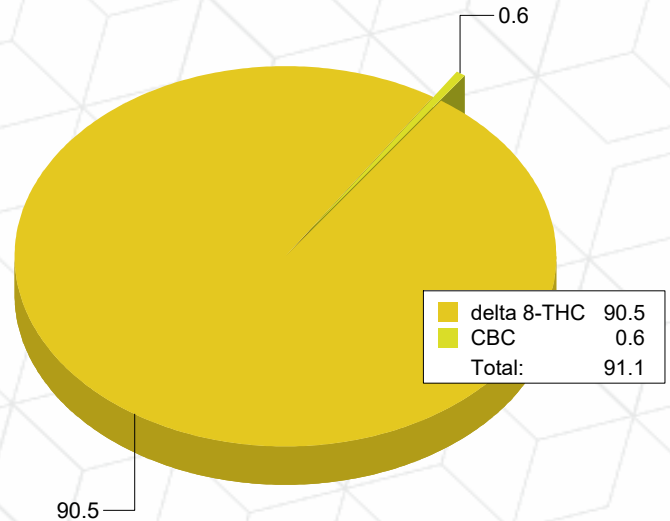
Potency Analysis

Date/Time Extracted: 09/23/21 11:02

Analysis Method/SOP: 215

Batch Identification: 2139034

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.6307	< LOQ	< LOQ	
Total CBD	0.1725	< LOQ	< LOQ	
THCA	0.0020	< LOQ	< LOQ	
delta 9-THC	0.0020	< LOQ	< LOQ	
delta 8-THC	0.3736	90.52	905.2	
Exo-THC	0.0868	< LOQ	< LOQ	
THCV	0.4207	< LOQ	< LOQ	
THCVA	0.1567	< LOQ	< LOQ	
CBD	0.0020	< LOQ	< LOQ	
CBDA	0.0020	< LOQ	< LOQ	
CBDV	0.4160	< LOQ	< LOQ	
CBDVA	0.1364	< LOQ	< LOQ	
CBN	0.2489	< LOQ	< LOQ	
CBG	0.0655	< LOQ	< LOQ	
CBGA	0.0655	< LOQ	< LOQ	
CBC	0.0746	0.6151	6.151	
Total Cannabinoids		91.14	911.4	



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: 2139034 - 215-Concentrates

Blank(2139034-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		09/23/21 11:02	09/23/21 18:16	
delta 9-THC	< LOQ	0.0005	%		09/23/21 11:02	09/23/21 18:16	
delta 8-THC	< LOQ	0.0934	%		09/23/21 11:02	09/23/21 18:16	
Exo-THC	< LOQ	0.0217	%		09/23/21 11:02	09/23/21 18:16	
THCV	< LOQ	0.1052	%		09/23/21 11:02	09/23/21 18:16	
THCVA	< LOQ	0.0392	%		09/23/21 11:02	09/23/21 18:16	
CBD	< LOQ	0.0005	%		09/23/21 11:02	09/23/21 18:16	
CBDA	< LOQ	0.0005	%		09/23/21 11:02	09/23/21 18:16	
CBDV	< LOQ	0.1040	%		09/23/21 11:02	09/23/21 18:16	
CBDVA	< LOQ	0.0341	%		09/23/21 11:02	09/23/21 18:16	
CBN	< LOQ	0.0622	%		09/23/21 11:02	09/23/21 18:16	
CBG	< LOQ	0.0164	%		09/23/21 11:02	09/23/21 18:16	
CBGA	< LOQ	0.0164	%		09/23/21 11:02	09/23/21 18:16	
CBC	< LOQ	0.0186	%		09/23/21 11:02	09/23/21 18:16	

Reference(2139034-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	93.0	0.0002	%	70-130	09/23/21 11:02	09/23/21 18:39	
delta 9-THC	109	0.0002	%	70-130	09/23/21 11:02	09/23/21 18:39	
CBD	98.6	0.0002	%	70-130	09/23/21 11:02	09/23/21 18:39	
CBDA	85.9	0.0002	%	70-130	09/23/21 11:02	09/23/21 18:39	



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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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