



### 00-1013-D8C-3

Sample ID: G1J0288-01

Matrix: Hemp Extracts &

Test ID: 5024955

Source ID:

Date Sampled: 10/15/21

Date Accepted: 10/15/21

Harvest/Prod. Date: 10/13/21

**H2 Processing LLC**

### Results at a Glance

Total THC : <LOQ (0.3153%) %

Total CBD : <LOQ (0.0863%) %

delta 8-THC : 93.80 % PASS



**ISO 17025  
ACCREDITED  
LABORATORY**

Eric Wendt  
Chief Science Officer - 11/9/2021

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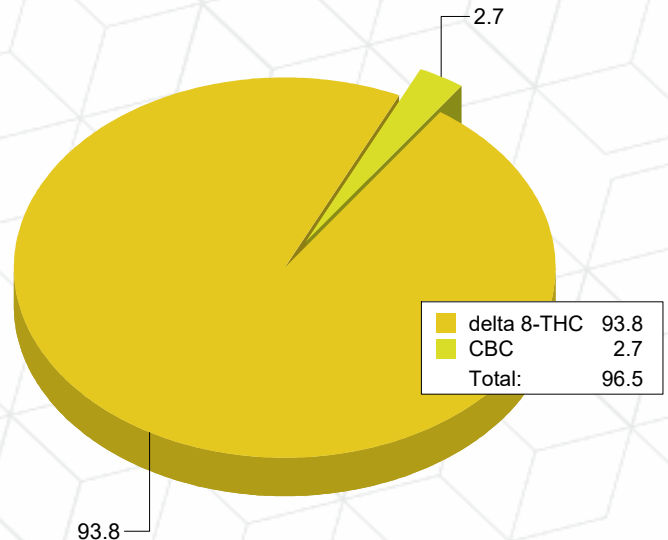
### Potency Analysis

Date/Time Extracted: 10/16/21 09:57

Analysis Method/SOP: 215

Batch Identification: 2142049

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.3153	< LOQ	< LOQ	
Total CBD	0.0863	< LOQ	< LOQ	
THCA	0.0010	< LOQ	< LOQ	
delta 9-THC	0.0010	< LOQ	< LOQ	
delta 8-THC	0.1868	93.80	938	
Exo-THC	0.0434	< LOQ	< LOQ	
THCV	0.2103	< LOQ	< LOQ	
THCVA	0.0784	< LOQ	< LOQ	
CBD	0.0010	< LOQ	< LOQ	
CBDA	0.0010	< LOQ	< LOQ	
CBDV	0.2080	< LOQ	< LOQ	
CBDVA	0.0682	< LOQ	< LOQ	
CBN	0.1244	< LOQ	< LOQ	
CBG	0.0328	< LOQ	< LOQ	
CBGA	0.0328	< LOQ	< LOQ	
CBC	0.0373	2.745	27.45	
<b>Total Cannabinoids</b>		<b>96.55</b>	<b>965.5</b>	



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: 2142049 - 215-Concentrates

Blank(2142049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		10/16/21 09:57	10/16/21 18:00	
delta 9-THC	< LOQ	0.0005	%		10/16/21 09:57	10/16/21 18:00	
delta 8-THC	< LOQ	0.0934	%		10/16/21 09:57	10/16/21 18:00	
Exo-THC	< LOQ	0.0217	%		10/16/21 09:57	10/16/21 18:00	
THCV	< LOQ	0.1052	%		10/16/21 09:57	10/16/21 18:00	
THCVA	< LOQ	0.0392	%		10/16/21 09:57	10/16/21 18:00	
CBD	< LOQ	0.0005	%		10/16/21 09:57	10/16/21 18:00	
CBDA	< LOQ	0.0005	%		10/16/21 09:57	10/16/21 18:00	
CBDV	< LOQ	0.1040	%		10/16/21 09:57	10/16/21 18:00	
CBDVA	< LOQ	0.0341	%		10/16/21 09:57	10/16/21 18:00	
CBN	< LOQ	0.0622	%		10/16/21 09:57	10/16/21 18:00	
CBG	< LOQ	0.0164	%		10/16/21 09:57	10/16/21 18:00	
CBGA	< LOQ	0.0164	%		10/16/21 09:57	10/16/21 18:00	
CBC	< LOQ	0.0186	%		10/16/21 09:57	10/16/21 18:00	

Reference(2142049-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.1	0.0003	%	70-130	10/16/21 09:57	10/16/21 18:23	
delta 9-THC	96.2	0.0003	%	70-130	10/16/21 09:57	10/16/21 18:23	
CBD	96.7	0.0003	%	70-130	10/16/21 09:57	10/16/21 18:23	
CBDA	97.8	0.0003	%	70-130	10/16/21 09:57	10/16/21 18:23	



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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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