



### High Purity D8

Sample ID: G2L0340-01

Matrix: Hemp Extracts &

Test ID: 5020330

Source ID:

Date Sampled: 12/28/22

Date Accepted: 12/28/22

Batch Lot ID: ADD812222022

Harvest/Prod. Date: 12.15.2022

**KMS AG Consulting**

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 92.17 % PASS



**ISO 17025  
ACCREDITED  
LABORATORY**

Eric Wendt  
Chief Science Officer - 12/29/2022

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### Potency Analysis

Date/Time Extracted: 12/28/22 11:16

Analysis Method/SOP: 215

Batch Identification: 2253021

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>92.2</p> <p>92.2</p>
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	92.17	921.7	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
<b>Total Cannabinoids</b>		92.17	921.7	

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: 2253021 - 215-Concentrates

Blank(2253021-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/28/22 11:16	12/28/22 17:46	
delta 9-THC	< LOQ	0.0005	%		12/28/22 11:16	12/28/22 17:46	
delta 8-THC	< LOQ	0.0934	%		12/28/22 11:16	12/28/22 17:46	
THCV	< LOQ	0.1052	%		12/28/22 11:16	12/28/22 17:46	
THCVA	< LOQ	0.0392	%		12/28/22 11:16	12/28/22 17:46	
CBD	< LOQ	0.0005	%		12/28/22 11:16	12/28/22 17:46	
CBDA	< LOQ	0.0005	%		12/28/22 11:16	12/28/22 17:46	
CBDV	< LOQ	0.1040	%		12/28/22 11:16	12/28/22 17:46	
CBDVA	< LOQ	0.0341	%		12/28/22 11:16	12/28/22 17:46	
CBN	< LOQ	0.0622	%		12/28/22 11:16	12/28/22 17:46	
CBG	< LOQ	0.0164	%		12/28/22 11:16	12/28/22 17:46	
CBGA	< LOQ	0.0164	%		12/28/22 11:16	12/28/22 17:46	
CBC	< LOQ	0.0186	%		12/28/22 11:16	12/28/22 17:46	

Reference(2253021-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	103	0.0002	%	90-110	12/28/22 11:16	12/28/22 18:09	
delta 9-THC	107	0.0002	%	90-110	12/28/22 11:16	12/28/22 18:09	
delta 8-THC	98.4	0.0451	%	90-110	12/28/22 11:16	12/28/22 18:09	
CBD	108	0.0002	%	90-110	12/28/22 11:16	12/28/22 18:09	
CBDA	107	0.0002	%	90-110	12/28/22 11:16	12/28/22 18:09	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

- 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.
- 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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