



Delta 8 Distillate

Sample ID: G1D0297-01

Matrix: Hemp Extracts &

Test ID: 5013932 Source

ID:

Date Sampled: 04/14/21

Date Accepted: 04/14/21

IHL-D0103

Results at a Glance

Total THC : <LOQ

Total CBD : <LOQ



ISO 17025
ACCREDITED
LABORATORY

Brittany Wiemer

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Quality Officer - 4/20/2021

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ID:

Date Sampled: 04/14/21

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IHL-D0103

Potency Analysis

Date/Time Extracted: 04/15/21 15:31

Analysis Method/SOP: 215

Batch Identification: 2116042

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.6744	< LOQ	< LOQ	<p>83.4</p> <ul style="list-style-type: none"> delta 8-THC 87.4 Total: 87.4
Total CBD	0.2666	< LOQ	< LOQ	
THCA	0.3752	< LOQ	< LOQ	
delta 9-THC	0.6307	< LOQ	< LOQ	
delta 8-THC	2.309	83.40	834	
Exo-THC	0.1342	< LOQ	< LOQ	
THCV	0.6500	< LOQ	< LOQ	
THCVA	0.2422	< LOQ	< LOQ	
CBD	0.2001	< LOQ	< LOQ	
CBDA	0.2666	< LOQ	< LOQ	
CBDV	0.6428	< LOQ	< LOQ	
CBDVA	0.2108	< LOQ	< LOQ	
CBN	0.3845	< LOQ	< LOQ	
CBG	0.1012	< LOQ	< LOQ	
CBGA	0.1012	< LOQ	< LOQ	
CBC	0.1152	< LOQ	< LOQ	
Total Cannabinoids		87.46	874.6	

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: 2116042 - 215-Concentrates

Blank(2116042-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0607	%		04/15/21 15:31	04/15/21 19:59	
delta 9-THC	< LOQ	0.1577	%		04/15/21 15:31	04/15/21 19:59	
delta 8-THC	< LOQ	0.0934	%		04/15/21 15:31	04/15/21 19:59	
Exo-THC	< LOQ	0.0217	%		04/15/21 15:31	04/15/21 19:59	
THCV	< LOQ	0.1052	%		04/15/21 15:31	04/15/21 19:59	
THCVA	< LOQ	0.0392	%		04/15/21 15:31	04/15/21 19:59	
CBD	< LOQ	0.0324	%		04/15/21 15:31	04/15/21 19:59	
CBDA	< LOQ	0.0431	%		04/15/21 15:31	04/15/21 19:59	
CBDV	< LOQ	0.1040	%		04/15/21 15:31	04/15/21 19:59	
CBDVA	< LOQ	0.0341	%		04/15/21 15:31	04/15/21 19:59	
CBN	< LOQ	0.0622	%		04/15/21 15:31	04/15/21 19:59	
CBG	< LOQ	0.0164	%		04/15/21 15:31	04/15/21 19:59	
CBGA	< LOQ	0.0164	%		04/15/21 15:31	04/15/21 19:59	
CBC	< LOQ	0.0186	%		04/15/21 15:31	04/15/21 19:59	

Reference(2116042-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	106	0.2266	%	80-120	04/15/21 15:31	04/15/21 20:22	
delta 9-THC	111	0.5885	%	80-120	04/15/21 15:31	04/15/21 20:22	
CBD	113	0.1208	%	80-120	04/15/21 15:31	04/15/21 20:22	
CBDA	109	0.1610	%	80-120	04/15/21 15:31	04/15/21 20:22	



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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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