



H-2304

Sample ID: G3L0154-04

Matrix: Hemp Extracts & Concentrates

Test ID: 5022971

Source ID:

Date Sampled: 12/11/23

Date Accepted: 12/11/23

Jefferson E-Commerce
admin@jeffersoncommerce.com

Results at a Glance

Total CBD : <LOQ (0.0431%) %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 12/19/2023

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Potency Analysis

Date/Time Extracted: 12/13/23 10:29

Analysis Method/SOP: 215

Batch Identification: 2350036

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total CBD	0.0431	< LOQ	< LOQ	<p>Legend: ■ THCA 72.8 ■ CBGA 4.7 ■ CBG 0.1 Total: 77.6</p>
THCA	0.0005	72.81	728.1	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
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	0.0657	0.657	
CBGA	0.0164	4.708	47.08	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		77.58	775.8	

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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Quality Control Potency

Batch: 2350036 - 215-Concentrates

Blank(2350036-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/13/23 10:29	12/13/23 20:51	
delta 9-THC	< LOQ	0.0005	%		12/13/23 10:29	12/13/23 20:51	
delta 8-THC	< LOQ	0.0934	%		12/13/23 10:29	12/13/23 20:51	
THCV	< LOQ	0.1052	%		12/13/23 10:29	12/13/23 20:51	
THCVA	< LOQ	0.0392	%		12/13/23 10:29	12/13/23 20:51	
CBD	< LOQ	0.0005	%		12/13/23 10:29	12/13/23 20:51	
CBDA	< LOQ	0.0005	%		12/13/23 10:29	12/13/23 20:51	
CBDV	< LOQ	0.1040	%		12/13/23 10:29	12/13/23 20:51	
CBDVA	< LOQ	0.0341	%		12/13/23 10:29	12/13/23 20:51	
CBN	< LOQ	0.0622	%		12/13/23 10:29	12/13/23 20:51	
CBG	< LOQ	0.0164	%		12/13/23 10:29	12/13/23 20:51	
CBGA	< LOQ	0.0164	%		12/13/23 10:29	12/13/23 20:51	
CBC	< LOQ	0.0186	%		12/13/23 10:29	12/13/23 20:51	

Reference(2350036-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	95.7	0.0002	%	90-110	12/13/23 10:29	12/13/23 21:14	
delta 9-THC	103	0.0002	%	90-110	12/13/23 10:29	12/13/23 21:14	
delta 8-THC	91.9	0.0462	%	90-110	12/13/23 10:29	12/13/23 21:14	
CBD	107	0.0002	%	90-110	12/13/23 10:29	12/13/23 21:14	
CBDA	94.5	0.0002	%	90-110	12/13/23 10:29	12/13/23 21:14	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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.
- C Interference due to co-elution
- CBD CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL Internal Standard concentration is below acceptance criteria.
- MSH 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 Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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