



**H-2301**

Sample ID: G3L0154-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5022968

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 (0.0448%) %



Eric Wendt  
Chief Science Officer - 12/19/2023



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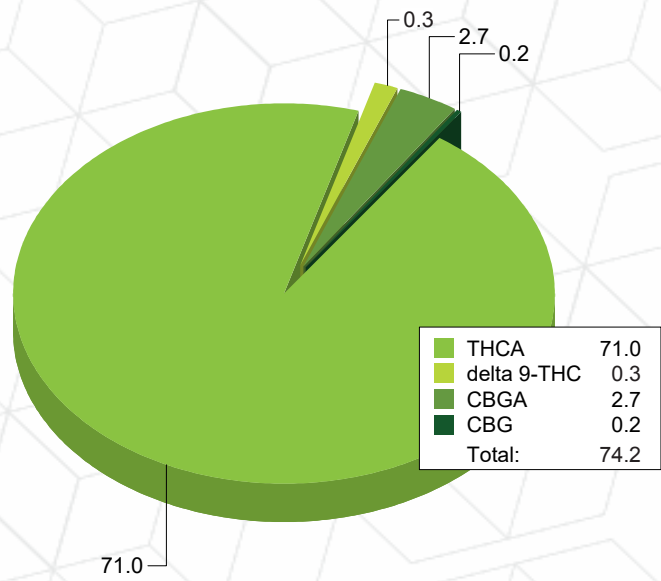
### Potency Analysis

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	0.0448	< LOQ	< LOQ		
THCA	0.0005	71.02	710.2		
delta 9-THC	0.0005	0.281	2.81		
delta 8-THC	0.0970	< LOQ	< LOQ		
THCV	0.1092	< LOQ	< LOQ		
THCVA	0.0407	< LOQ	< LOQ		
CBD	0.0005	< LOQ	< LOQ		
CBDA	0.0005	< LOQ	< LOQ		
CBDV	0.1080	< LOQ	< LOQ		
CBDVA	0.0354	< LOQ	< LOQ		
CBN	0.0646	< LOQ	< LOQ		
CBG	0.0170	0.1578	1.578		
CBGA	0.0170	2.724	27.24		
CBC	0.0194	< LOQ	< LOQ		
<b>Total Cannabinoids</b>		<b>74.16</b>	<b>741.6</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.

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



**ISO 17025**  
ACCREDITED  
LABORATORY

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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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