



TAC-02

Sample ID: G3K0114-02

Matrix: Hemp Extracts & Concentrates

Test ID: 5023630

Source ID:

Date Sampled: 11/06/23

Date Accepted: 11/06/23

Jefferson E-Commerce
admin@jeffersoncommerce.com

Results at a Glance

Total CBD : 25.51 %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 11/10/2023

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TAC-02

Sample ID: G3K0114-02

Matrix: Hemp Extracts & Concentrates

Test ID: 5023630

Source ID:

Date Sampled: 11/06/23

Date Accepted: 11/06/23

Jefferson E-Commerce
admin@jeffersoncommerce.com

Potency Analysis

Date/Time Extracted: 11/09/23 09:58

Analysis Method/SOP: 215

Batch Identification: 2345051

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total CBD	0.0431	25.51	255.1	<p>25.5</p> <p>2.1 0.1 4.7</p> <p>46.1</p> <p>78.4</p>
THCA	0.0005	46.09	460.9	
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	25.51	255.1	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	2.104	21.04	
CBG	0.0164	0.0691	0.691	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	4.664	46.64	
Total Cannabinoids		78.44	784.4	

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: 2345051 - 215-Concentrates

Blank(2345051-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/09/23 09:58	11/09/23 17:02	
delta 9-THC	< LOQ	0.0005	%		11/09/23 09:58	11/09/23 17:02	
delta 8-THC	< LOQ	0.0934	%		11/09/23 09:58	11/09/23 17:02	
THCV	< LOQ	0.1052	%		11/09/23 09:58	11/09/23 17:02	
THCVA	< LOQ	0.0392	%		11/09/23 09:58	11/09/23 17:02	
CBD	< LOQ	0.0005	%		11/09/23 09:58	11/09/23 17:02	
CBDA	< LOQ	0.0005	%		11/09/23 09:58	11/09/23 17:02	
CBDV	< LOQ	0.1040	%		11/09/23 09:58	11/09/23 17:02	
CBDVA	< LOQ	0.0341	%		11/09/23 09:58	11/09/23 17:02	
CBN	< LOQ	0.0622	%		11/09/23 09:58	11/09/23 17:02	
CBG	< LOQ	0.0164	%		11/09/23 09:58	11/09/23 17:02	
CBGA	< LOQ	0.0164	%		11/09/23 09:58	11/09/23 17:02	
CBC	< LOQ	0.0186	%		11/09/23 09:58	11/09/23 17:02	

Reference(2345051-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	107	0.0002	%	90-110	11/09/23 09:58	11/09/23 17:25	
delta 9-THC	99.2	0.0002	%	90-110	11/09/23 09:58	11/09/23 17:25	
delta 8-THC	92.8	0.0454	%	90-110	11/09/23 09:58	11/09/23 17:25	
CBD	101	0.0002	%	90-110	11/09/23 09:58	11/09/23 17:25	
CBDA	101	0.0002	%	90-110	11/09/23 09:58	11/09/23 17:25	



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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 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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