



D8DD.032024.1

Sample ID: G4D0039-03

Matrix: Hemp Extracts & Concentrates

Test ID: 5027432

Source ID:

Date Sampled: 04/03/24

Date Accepted: 04/03/24

MCNutraceuticals

brendan@mcnutraceuticals.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 81.39 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Nolan Mundie
Lab Director - 4/9/2024

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Date Sampled: 04/03/24

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MCNutraceuticals

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Potency Analysis

Date/Time Extracted: 04/03/24 11:58

Analysis Method/SOP: 215

Batch Identification: 2414043

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile				
Total THC	0.0005	< LOQ	< LOQ	<p>81.4</p> <table border="1"> <tr> <td>delta 8-THC</td> <td>81.4</td> </tr> <tr> <td>Total:</td> <td>81.4</td> </tr> </table>	delta 8-THC	81.4	Total:	81.4
delta 8-THC	81.4							
Total:	81.4							
Total CBD	0.0431	< LOQ	< LOQ					
THCA	0.0005	< LOQ	< LOQ					
delta 9-THC	0.0005	< LOQ	< LOQ					
delta 8-THC	0.0934	81.39	813.9					
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					
Total Cannabinoids		81.39	813.9					

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: 2414043 - 215-Concentrates

Blank(2414043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/03/24 11:58	04/04/24 03:19	
delta 9-THC	< LOQ	0.0005	%		04/03/24 11:58	04/04/24 03:19	
delta 8-THC	< LOQ	0.0934	%		04/03/24 11:58	04/04/24 03:19	
THCV	< LOQ	0.1052	%		04/03/24 11:58	04/04/24 03:19	
THCVA	< LOQ	0.0392	%		04/03/24 11:58	04/04/24 03:19	
CBD	< LOQ	0.0005	%		04/03/24 11:58	04/04/24 03:19	
CBDA	< LOQ	0.0005	%		04/03/24 11:58	04/04/24 03:19	
CBDV	< LOQ	0.1040	%		04/03/24 11:58	04/04/24 03:19	
CBDVA	< LOQ	0.0341	%		04/03/24 11:58	04/04/24 03:19	
CBN	< LOQ	0.0622	%		04/03/24 11:58	04/04/24 03:19	
CBG	< LOQ	0.0164	%		04/03/24 11:58	04/04/24 03:19	
CBGA	< LOQ	0.0164	%		04/03/24 11:58	04/04/24 03:19	
CBC	< LOQ	0.0186	%		04/03/24 11:58	04/04/24 03:19	

Reference(2414043-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	100	0.0002	%	90-110	04/03/24 11:58	04/04/24 03:42	
delta 9-THC	104	0.0002	%	90-110	04/03/24 11:58	04/04/24 03:42	
delta 8-THC	96.6	0.0456	%	90-110	04/03/24 11:58	04/04/24 03:42	
CBD	102	0.0002	%	90-110	04/03/24 11:58	04/04/24 03:42	
CBDA	97.2	0.0002	%	90-110	04/03/24 11:58	04/04/24 03:42	



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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 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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