



D8C-073124.2

Sample ID: G4H0054-03

Matrix: Hemp Extracts & Concentrates

Test ID: 5036332

Source ID:

Date Sampled: 08/06/24

Date Accepted: 08/06/24

MCNutraceuticals

brendan@mcnutraceuticals.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 87.71 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Nolan Mundie
Lab Director - 8/7/2024

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Potency Analysis

Date/Time Extracted: 08/06/24 12:12

Analysis Method/SOP: 215

Batch Identification: 2432011

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	<p>87.7</p> <ul style="list-style-type: none"> delta 8-THC 87.7 Total: 87.7
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	87.71	877.1	
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		87.71	877.1	

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: 2432011 - 215-Concentrates

Blank(2432011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0002	%		08/06/24 12:12	08/06/24 18:27	
delta 9-THC	< LOQ	0.0002	%		08/06/24 12:12	08/06/24 18:27	
delta 8-THC	< LOQ	0.0456	%		08/06/24 12:12	08/06/24 18:27	
THCV	< LOQ	0.0514	%		08/06/24 12:12	08/06/24 18:27	
THCVA	< LOQ	0.0191	%		08/06/24 12:12	08/06/24 18:27	
CBD	< LOQ	0.0002	%		08/06/24 12:12	08/06/24 18:27	
CBDA	< LOQ	0.0002	%		08/06/24 12:12	08/06/24 18:27	
CBDV	< LOQ	0.0508	%		08/06/24 12:12	08/06/24 18:27	
CBDVA	< LOQ	0.0167	%		08/06/24 12:12	08/06/24 18:27	
CBN	< LOQ	0.0304	%		08/06/24 12:12	08/06/24 18:27	
CBG	< LOQ	0.0080	%		08/06/24 12:12	08/06/24 18:27	
CBGA	< LOQ	0.0080	%		08/06/24 12:12	08/06/24 18:27	
CBC	< LOQ	0.0091	%		08/06/24 12:12	08/06/24 18:27	

Reference(2432011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.3	0.00005	%	90-110	08/06/24 12:12	08/06/24 18:49	
delta 9-THC	96.3	0.00005	%	90-110	08/06/24 12:12	08/06/24 18:49	
delta 8-THC	99.2	0.0085	%	90-110	08/06/24 12:12	08/06/24 18:49	
CBD	97.9	0.00005	%	90-110	08/06/24 12:12	08/06/24 18:49	
CBDA	96.2	0.00005	%	90-110	08/06/24 12:12	08/06/24 18:49	



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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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