



D8 - 011224

Sample ID: G4A0196-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5026472

Source ID:

Date Sampled: 01/22/24

Date Accepted: 01/22/24

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0448%) %

delta 8-THC : 91.04 % PASS



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Sample ID: G4A0196-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5026472

Source ID:

Date Sampled: 01/22/24

Date Accepted: 01/22/24

Potency Analysis

Date/Time Extracted: 01/22/24 17:06

Analysis Method/SOP: 215

Batch Identification: 2404030

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile								
Total THC	0.0005	< LOQ	< LOQ	<table><tr><td>delta 8-THC</td><td>91.0</td></tr><tr><td>CBN</td><td>0.5</td></tr><tr><td>CBC</td><td>0.8</td></tr><tr><td>Total:</td><td>92.3</td></tr></table>	delta 8-THC	91.0	CBN	0.5	CBC	0.8	Total:	92.3
delta 8-THC	91.0											
CBN	0.5											
CBC	0.8											
Total:	92.3											
Total CBD	0.0448	< LOQ	< LOQ									
THCA	0.0005	< LOQ	< LOQ									
delta 9-THC	0.0005	< LOQ	< LOQ									
delta 8-THC	0.0970	91.04	910.4									
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	0.4731	4.731									
CBG	0.0170	< LOQ	< LOQ									
CBGA	0.0170	< LOQ	< LOQ									
CBC	0.0194	0.8085	8.085									
Total Cannabinoids		92.33	923.3									

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



Quality Control Potency

Batch: 2404030 - 215-Concentrates

Blank(2404030-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
delta 9-THC	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
delta 8-THC	< LOQ	0.0934	%		01/22/24 17:06	01/24/24 00:43	
THCV	< LOQ	0.1052	%		01/22/24 17:06	01/24/24 00:43	
THCVA	< LOQ	0.0392	%		01/22/24 17:06	01/24/24 00:43	
CBD	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
CBDA	< LOQ	0.0005	%		01/22/24 17:06	01/24/24 00:43	
CBDV	< LOQ	0.1040	%		01/22/24 17:06	01/24/24 00:43	
CBDVA	< LOQ	0.0341	%		01/22/24 17:06	01/24/24 00:43	
CBN	< LOQ	0.0622	%		01/22/24 17:06	01/24/24 00:43	
CBG	< LOQ	0.0164	%		01/22/24 17:06	01/24/24 00:43	
CBGA	< LOQ	0.0164	%		01/22/24 17:06	01/24/24 00:43	
CBC	< LOQ	0.0186	%		01/22/24 17:06	01/24/24 00:43	

Reference(2404030-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.0	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	
delta 9-THC	91.2	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	
delta 8-THC	92.3	0.0457	%	90-110	01/22/24 17:06	01/24/24 01:06	
CBD	93.7	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	
CBDA	94.4	0.00024	%	90-110	01/22/24 17:06	01/24/24 01:06	



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
C	manually for all samples.
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
TPP	recovery accuracy in Matrix Spike.
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