



DA CBD 11-28-23

Sample ID: G3K0388-03

Matrix: Hemp Products

Test ID: 5023388

Source ID:

Date Sampled: 11/28/23

Date Accepted: 11/28/23

Delta Alternatives
questions@deltaalternatives.com

Results at a Glance

Total THC : 0.0449 %

Total CBD : 1.714 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 12/1/2023



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Delta Alternatives
questions@deltalternatives.com

Potency Analysis

Date/Time Extracted: 11/29/23 11:26

Analysis Method/SOP: 215

Batch Identification: 2348039

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	0.449		
Total CBD	0.0010	17.14		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	0.449		
delta 8-THC	0.0384	< LOQ		
THCV	0.0300	< LOQ		
THCVA	0.0448	< LOQ		
CBD	0.0010	17.14		
CBDA	0.0010	< LOQ		
CBDV	0.0308	< LOQ		
CBDVA	0.0423	< LOQ		
CBN	0.0277	< LOQ		
CBG	0.0322	0.328		
CBGA	0.0427	< LOQ		
CBC	0.0404	< LOQ		

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: 2348039 - 215-Products

Blank(2348039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0035	%		11/29/23 11:26	11/29/23 16:47	
delta 9-THC	< LOQ	0.0035	%		11/29/23 11:26	11/29/23 16:47	
delta 8-THC	< LOQ	0.1356	%		11/29/23 11:26	11/29/23 16:47	
THCV	< LOQ	0.1058	%		11/29/23 11:26	11/29/23 16:47	
THCVA	< LOQ	0.1583	%		11/29/23 11:26	11/29/23 16:47	
CBD	< LOQ	0.0035	%		11/29/23 11:26	11/29/23 16:47	
CBDA	< LOQ	0.0035	%		11/29/23 11:26	11/29/23 16:47	
CBDV	< LOQ	0.1089	%		11/29/23 11:26	11/29/23 16:47	
CBDVA	< LOQ	0.1495	%		11/29/23 11:26	11/29/23 16:47	
CBN	< LOQ	0.0978	%		11/29/23 11:26	11/29/23 16:47	
CBG	< LOQ	0.1137	%		11/29/23 11:26	11/29/23 16:47	
CBGA	< LOQ	0.1507	%		11/29/23 11:26	11/29/23 16:47	
CBC	< LOQ	0.1427	%		11/29/23 11:26	11/29/23 16:47	

Reference(2348039-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	107	0.0254	%	90-110	11/29/23 11:26	11/29/23 17:10	
delta 9-THC	97.3	0.0254	%	90-110	11/29/23 11:26	11/29/23 17:10	
delta 8-THC	93.0	0.9757	%	90-110	11/29/23 11:26	11/29/23 17:10	
CBD	98.9	0.0254	%	90-110	11/29/23 11:26	11/29/23 17:10	
CBDA	98.4	0.0254	%	90-110	11/29/23 11:26	11/29/23 17:10	



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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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