



TRF23014-0501

Sample ID: G4B0419-02

Matrix: Hemp Products

Test ID: 5026542

Source ID:

Date Sampled: 02/29/24

Date Accepted: 02/29/24

Harvest/Prod. Date: 02.08.2024

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.1380 %

Total CBD : 3.962 %

CBG : 0.9569 % PASS



ISO 17025
ACCREDITED
LABORATORY

Nolan Mundie
Lab Director - 3/6/2024

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Harvest/Prod. Date: 02.08.2024

Periodic Caramels
shane@periodiccaramels.com

Potency Analysis

Date/Time Extracted: 03/01/24 11:39

Analysis Method/SOP: 215

Batch Identification: 2409078

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.000250	1.38		
Total CBD	0.0025	39.62		
THCA	0.000250	< LOQ		
delta 9-THC	0.000250	1.38		
delta 8-THC	0.0096	< LOQ		
THCV	0.0075	< LOQ		
THCVA	0.0112	< LOQ		
CBD	0.0025	38.87		
CBDA	0.0025	0.856		
CBDV	0.0077	0.239		
CBDVA	0.0106	< LOQ		
CBN	0.0069	< LOQ		
CBG	0.0805	9.569		
CBGA	0.1067	< LOQ		
CBC	0.0101	1.542		

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: 2409078 - 215-Products

Blank(2409078-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		03/01/24 11:39	03/01/24 17:38	
delta 9-THC	< LOQ	0.0039	%		03/01/24 11:39	03/01/24 17:38	
delta 8-THC	< LOQ	0.1482	%		03/01/24 11:39	03/01/24 17:38	
THCV	< LOQ	0.1156	%		03/01/24 11:39	03/01/24 17:38	
THCVA	< LOQ	0.1731	%		03/01/24 11:39	03/01/24 17:38	
CBD	< LOQ	0.0039	%		03/01/24 11:39	03/01/24 17:38	
CBDA	< LOQ	0.0039	%		03/01/24 11:39	03/01/24 17:38	
CBDV	< LOQ	0.1190	%		03/01/24 11:39	03/01/24 17:38	
CBDVA	< LOQ	0.1634	%		03/01/24 11:39	03/01/24 17:38	
CBN	< LOQ	0.1069	%		03/01/24 11:39	03/01/24 17:38	
CBG	< LOQ	0.1243	%		03/01/24 11:39	03/01/24 17:38	
CBGA	< LOQ	0.1648	%		03/01/24 11:39	03/01/24 17:38	
CBC	< LOQ	0.1559	%		03/01/24 11:39	03/01/24 17:38	

Reference(2409078-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.3	0.0251	%	90-110	03/01/24 11:39	03/01/24 18:02	
delta 9-THC	98.4	0.0251	%	90-110	03/01/24 11:39	03/01/24 18:02	
delta 8-THC	98.7	0.9636	%	90-110	03/01/24 11:39	03/01/24 18:02	
CBD	93.7	0.0251	%	90-110	03/01/24 11:39	03/01/24 18:02	
CBDA	106	0.0251	%	90-110	03/01/24 11:39	03/01/24 18:02	



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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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