



### D8RX23015-0102

Sample ID: G4D0118-03

Matrix: Hemp Products

Test ID: 5027439

Source ID:

Date Sampled: 04/09/24

Date Accepted: 04/09/24

Harvest/Prod. Date: 04.03.2024

**Periodic Caramels**  
shane@periodiccaramels.com

### Results at a Glance

Total THC : <LOQ (0.000250%) %

Total CBD : 0.0537 %

delta 8-THC : 0.2126 % PASS

CBN : 0.0545 % PASS



Patrick Hermonson  
Quality Officer - 4/12/2024



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### Potency Analysis

Date/Time Extracted: 04/10/24 11:08

Analysis Method/SOP: 215

Batch Identification: 2415035

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.000250	< LOQ		
Total CBD	0.000250	0.537		
THCA	0.000250	< LOQ		
delta 9-THC	0.000250	< LOQ		
delta 8-THC	0.0096	2.126		
THCV	0.0075	< LOQ		
THCVA	0.0112	< LOQ		
CBD	0.000250	0.537		
CBDA	0.000250	< LOQ		
CBDV	0.0077	< LOQ		
CBDVA	0.0106	< LOQ		
CBN	0.0069	0.545		
CBG	0.0081	< LOQ		
CBGA	0.0107	< LOQ		
CBC	0.0101	< 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



**ISO 17025  
ACCREDITED  
LABORATORY**

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### Quality Control Potency

Batch: 2415035 - 215-Products

Blank(2415035-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		04/10/24 11:08	04/10/24 17:42	
delta 9-THC	< LOQ	0.0039	%		04/10/24 11:08	04/10/24 17:42	
delta 8-THC	< LOQ	0.1508	%		04/10/24 11:08	04/10/24 17:42	
THCV	< LOQ	0.1176	%		04/10/24 11:08	04/10/24 17:42	
THCVA	< LOQ	0.1761	%		04/10/24 11:08	04/10/24 17:42	
CBD	< LOQ	0.0039	%		04/10/24 11:08	04/10/24 17:42	
CBDA	< LOQ	0.0039	%		04/10/24 11:08	04/10/24 17:42	
CBDV	< LOQ	0.1210	%		04/10/24 11:08	04/10/24 17:42	
CBDVA	< LOQ	0.1662	%		04/10/24 11:08	04/10/24 17:42	
CBN	< LOQ	0.1087	%		04/10/24 11:08	04/10/24 17:42	
CBG	< LOQ	0.1264	%		04/10/24 11:08	04/10/24 17:42	
CBGA	< LOQ	0.1676	%		04/10/24 11:08	04/10/24 17:42	
CBC	< LOQ	0.1586	%		04/10/24 11:08	04/10/24 17:42	

Reference(2415035-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.3	0.0253	%	90-110	04/10/24 11:08	04/10/24 18:05	
delta 9-THC	98.6	0.0253	%	90-110	04/10/24 11:08	04/10/24 18:05	
delta 8-THC	105	0.9715	%	90-110	04/10/24 11:08	04/10/24 18:05	
CBD	98.6	0.0253	%	90-110	04/10/24 11:08	04/10/24 18:05	
CBDA	98.4	0.0253	%	90-110	04/10/24 11:08	04/10/24 18:05	



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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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