



### CRF22012-0102

Sample ID: G2I0181-01

Matrix: Hemp Products

Test ID: 5012215

Source ID:

Date Sampled: 09/13/22

Date Accepted: 09/13/22

Harvest/Prod. Date: 09.07.2022

**Periodic Caramels**  
shane@periodiccaramels.com

### Results at a Glance

Total THC : 0.0067 %

Total CBD : 0.2428 %

Total CBG : 0.0520 %



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 9/15/2022



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shane@periodiccaramels.com

### Potency Analysis

Date/Time Extracted: 09/14/22 12:52

Analysis Method/SOP: 215

Batch Identification: 2238025

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.000250	0.067		
Total CBD	0.000250	2.428		
Total CBG	0.0069	0.52		
THCA	0.000250	< LOQ		
delta 9-THC	0.000250	0.067		
delta 8-THC	0.0096	< LOQ		
THCV	0.0075	< LOQ		
THCVA	0.0112	< LOQ		
CBD	0.000250	2.2		
CBDA	0.000250	0.26		
CBDV	0.0077	< LOQ		
CBDVA	0.0106	< LOQ		
CBN	0.0069	< LOQ		
CBG	0.0081	0.52		
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.



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### Quality Control Potency

Batch: 2238025 - 215-Products

Blank(2238025-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		09/14/22 12:52	09/14/22 18:18	
delta 9-THC	< LOQ	0.0010	%		09/14/22 12:52	09/14/22 18:18	
delta 8-THC	< LOQ	0.0384	%		09/14/22 12:52	09/14/22 18:18	
THCV	< LOQ	0.0300	%		09/14/22 12:52	09/14/22 18:18	
THCVA	< LOQ	0.0448	%		09/14/22 12:52	09/14/22 18:18	
CBD	< LOQ	0.0010	%		09/14/22 12:52	09/14/22 18:18	
CBDA	< LOQ	0.0010	%		09/14/22 12:52	09/14/22 18:18	
CBDV	< LOQ	0.0308	%		09/14/22 12:52	09/14/22 18:18	
CBDVA	< LOQ	0.0423	%		09/14/22 12:52	09/14/22 18:18	
CBN	< LOQ	0.0277	%		09/14/22 12:52	09/14/22 18:18	
CBG	< LOQ	0.0322	%		09/14/22 12:52	09/14/22 18:18	
CBGA	< LOQ	0.0427	%		09/14/22 12:52	09/14/22 18:18	
CBC	< LOQ	0.0404	%		09/14/22 12:52	09/14/22 18:18	

Reference(2238025-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	93.1	0.0099	%	90-110	09/14/22 12:52	09/14/22 18:41	
delta 9-THC	92.3	0.0099	%	90-110	09/14/22 12:52	09/14/22 18:41	
delta 8-THC	90.6	0.3809	%	90-110	09/14/22 12:52	09/14/22 18:41	
CBD	90.2	0.0099	%	90-110	09/14/22 12:52	09/14/22 18:41	
CBDA	90.5	0.0099	%	90-110	09/14/22 12:52	09/14/22 18:41	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.  
Quality Control samples were tested as received.

- 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.
- 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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