



### TRF 22010-0201

Sample ID: G2D0249-03

Matrix: Hemp Products

Test ID: 5016069

Source ID:

Date Sampled: 04/14/22

Date Accepted: 04/14/22

Harvest/Prod. Date: 4/12/22

**Periodic Caramels**  
shane@periodiccaramels.com

### Results at a Glance

Total THC : 0.2044 %

Total CBD : 3.787 %

Total CBG : 0.9913 %



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 4/18/2022



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shane@periodiccaramels.com

### Potency Analysis

Date/Time Extracted: 04/15/22 10:48

Analysis Method/SOP: 215

Batch Identification: 2216042

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0009	2.044		
Total CBD	0.0038	37.87		
Total CBG	0.0262	9.913		
THCA	0.0009	< LOQ		
delta 9-THC	0.0009	2.044		
delta 8-THC	0.0363	< LOQ		
THCV	0.0283	< LOQ		
THCVA	0.0424	< LOQ		
CBD	0.0038	37.87		
CBDA	0.0038	< LOQ		
CBDV	0.0292	< LOQ		
CBDVA	0.0401	< LOQ		
CBN	0.0262	< LOQ		
CBG	0.0305	9.913		
CBGA	0.0404	< LOQ		
CBC	0.0382	0.632		

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: 2216042 - 215-Products

Blank(2216042-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
delta 9-THC	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
delta 8-THC	< LOQ	0.0192	%		04/15/22 10:48	04/15/22 22:33	
THCV	< LOQ	0.0150	%		04/15/22 10:48	04/15/22 22:33	
THCVA	< LOQ	0.0224	%		04/15/22 10:48	04/15/22 22:33	
CBD	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
CBDA	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
CBDV	< LOQ	0.0154	%		04/15/22 10:48	04/15/22 22:33	
CBDVA	< LOQ	0.0212	%		04/15/22 10:48	04/15/22 22:33	
CBN	< LOQ	0.0138	%		04/15/22 10:48	04/15/22 22:33	
CBG	< LOQ	0.0161	%		04/15/22 10:48	04/15/22 22:33	
CBGA	< LOQ	0.0213	%		04/15/22 10:48	04/15/22 22:33	
CBC	< LOQ	0.0202	%		04/15/22 10:48	04/15/22 22:33	

Reference(2216042-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	92.5	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	
delta 9-THC	104	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	
delta 8-THC	94.2	0.1935	%	90-110	04/15/22 10:48	04/16/22 10:07	
CBD	102	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	
CBDA	97.8	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	



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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.
  - 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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