



### CRF22012-0101

Sample ID: G2F0219-01

Matrix: Hemp Products

Test ID: 5021328

Source ID:

Date Sampled: 06/15/22

Date Accepted: 06/15/22

Harvest/Prod. Date: 6/9/22

**Periodic Caramels**  
shane@periodiccaramels.com

### Results at a Glance

Total THC : 0.0077 %

Total CBD : 0.2653 %

Total CBG : 0.0503 %



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 6/20/2022

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**Periodic Caramels**  
shane@periodiccaramels.com

### Potency Analysis

Date/Time Extracted: 06/18/22 10:47

Analysis Method/SOP: 215

Batch Identification: 2225052

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile													
Total THC	0.000250	0.077		<table border="1"> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBDA</td><td>0.0</td></tr> <tr><td>CBD</td><td>0.2</td></tr> <tr><td>CBG</td><td>0.1</td></tr> <tr><td>CBC</td><td>0.0</td></tr> <tr><td>Total:</td><td>0.3</td></tr> </table>	delta 9-THC	0.0	CBDA	0.0	CBD	0.2	CBG	0.1	CBC	0.0	Total:	0.3
delta 9-THC	0.0															
CBDA	0.0															
CBD	0.2															
CBG	0.1															
CBC	0.0															
Total:	0.3															
Total CBD	0.000250	2.653														
Total CBG	0.0069	0.503														
THCA	0.000250	< LOQ														
delta 9-THC	0.000250	0.077														
delta 8-THC	0.0096	< LOQ														
THCV	0.0075	< LOQ														
THCVA	0.0112	< LOQ														
CBD	0.000250	2.435														
CBDA	0.000250	0.249														
CBDV	0.0077	< LOQ														
CBDVA	0.0106	< LOQ														
CBN	0.0069	< LOQ														
CBG	0.0081	0.503														
CBGA	0.0107	< LOQ														
CBC	0.0101	0.111														

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: 2225052 - 215-Products

Blank(2225052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		06/18/22 10:47	06/18/22 18:40	
delta 9-THC	< LOQ	0.0010	%		06/18/22 10:47	06/18/22 18:40	
delta 8-THC	< LOQ	0.0384	%		06/18/22 10:47	06/18/22 18:40	
THCV	< LOQ	0.0300	%		06/18/22 10:47	06/18/22 18:40	
THCVA	< LOQ	0.0448	%		06/18/22 10:47	06/18/22 18:40	
CBD	< LOQ	0.0010	%		06/18/22 10:47	06/18/22 18:40	
CBDA	< LOQ	0.0010	%		06/18/22 10:47	06/18/22 18:40	
CBDV	< LOQ	0.0308	%		06/18/22 10:47	06/18/22 18:40	
CBDVA	< LOQ	0.0423	%		06/18/22 10:47	06/18/22 18:40	
CBN	< LOQ	0.0277	%		06/18/22 10:47	06/18/22 18:40	
CBG	< LOQ	0.0322	%		06/18/22 10:47	06/18/22 18:40	
CBGA	< LOQ	0.0427	%		06/18/22 10:47	06/18/22 18:40	
CBC	< LOQ	0.0404	%		06/18/22 10:47	06/18/22 18:40	

Reference(2225052-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.0048	%	90-110	06/18/22 10:47	06/18/22 19:03	
delta 9-THC	107	0.0048	%	90-110	06/18/22 10:47	06/18/22 19:03	
delta 8-THC	107	0.1852	%	90-110	06/18/22 10:47	06/18/22 19:03	
CBD	106	0.0048	%	90-110	06/18/22 10:47	06/18/22 19:03	
CBDA	105	0.0048	%	90-110	06/18/22 10:47	06/18/22 19:03	



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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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