

## **Quality Control Testing Official Report**

## 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 %	XVXX	X
Total CBD : 0.2428 %		$\Delta \gamma$
Total CBG: 0.0520 %		X



Eric Wendt Chief Science Officer - 9/15/2022

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## CRF22012-0102

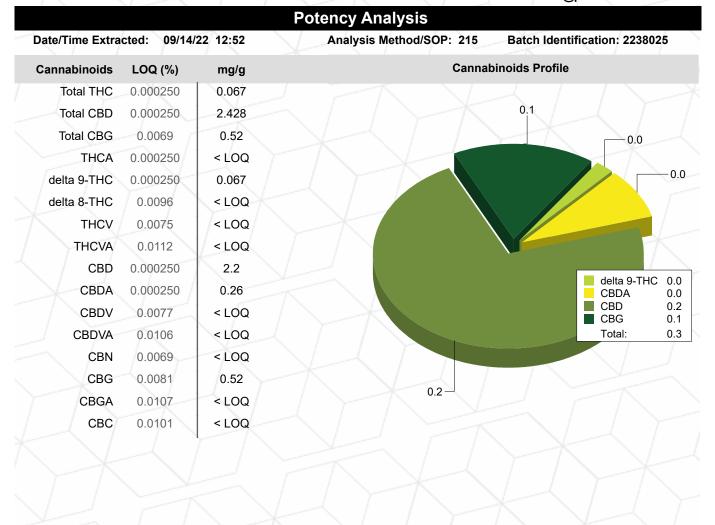
Sample ID: G2I0181-01 Matrix: Hemp Products Test ID: 5012215 Source ID: Date Sampled: 09/13/22

Date Accepted: 09/13/22

Harvest/Prod. Date: 09.07.2022

#### Periodic Caramels

shane@periodiccaramels.com



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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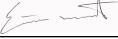
# Quality Control Potency

#### 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 C manually for all samples.
- C 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
- TPP recovery accuracy in Matrix Spike.
- 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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