



D8RF22011-0101

Sample ID: G2E0279-02

Matrix: Hemp Products

Test ID: 5021187

Source ID:

Date Sampled: 05/19/22

Date Accepted: 05/19/22

Harvest/Prod. Date: 5/11/22

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0133 %

Total CBD : 0.0556 %

Total CBG : 0.0581 %

delta 8-THC : 0.2061 % **PASS**



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 5/23/2022

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Periodic Caramels
shane@periodiccaramels.com

Potency Analysis

Date/Time Extracted: 05/20/22 10:51

Analysis Method/SOP: 215

Batch Identification: 2221045

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.000250	0.133		
Total CBD	0.000250	0.556		
Total CBG	0.0069	0.581		
THCA	0.000250	< LOQ		
delta 9-THC	0.000250	0.133		
delta 8-THC	0.0096	2.061		
THCV	0.0075	< LOQ		
THCVA	0.0112	< LOQ		
CBD	0.000250	0.556		
CBDA	0.000250	< LOQ		
CBDV	0.0077	< LOQ		
CBDVA	0.0106	< LOQ		
CBN	0.0069	< LOQ		
CBG	0.0081	0.581		
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: 2221045 - 215-Products

Blank(2221045-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		05/20/22 10:51	05/20/22 17:34	
delta 9-THC	< LOQ	0.0010	%		05/20/22 10:51	05/20/22 17:34	
delta 8-THC	< LOQ	0.0384	%		05/20/22 10:51	05/20/22 17:34	
THCV	< LOQ	0.0300	%		05/20/22 10:51	05/20/22 17:34	
THCVA	< LOQ	0.0448	%		05/20/22 10:51	05/20/22 17:34	
CBD	< LOQ	0.0010	%		05/20/22 10:51	05/20/22 17:34	
CBDA	< LOQ	0.0010	%		05/20/22 10:51	05/20/22 17:34	
CBDV	< LOQ	0.0308	%		05/20/22 10:51	05/20/22 17:34	
CBDVA	< LOQ	0.0423	%		05/20/22 10:51	05/20/22 17:34	
CBN	< LOQ	0.0277	%		05/20/22 10:51	05/20/22 17:34	
CBG	< LOQ	0.0322	%		05/20/22 10:51	05/20/22 17:34	
CBGA	< LOQ	0.0427	%		05/20/22 10:51	05/20/22 17:34	
CBC	< LOQ	0.0404	%		05/20/22 10:51	05/20/22 17:34	

Reference(2221045-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0049	%	90-110	05/20/22 10:51	05/20/22 17:57	
delta 9-THC	103	0.0049	%	90-110	05/20/22 10:51	05/20/22 17:57	
delta 8-THC	110	0.1896	%	90-110	05/20/22 10:51	05/20/22 17:57	
CBD	99.2	0.0049	%	90-110	05/20/22 10:51	05/20/22 17:57	
CBDA	104	0.0049	%	90-110	05/20/22 10:51	05/20/22 17:57	



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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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