



CLT21008-0101

Sample ID: G2A0377-04

Matrix: Hemp Products

Test ID: 5020205

Source ID:

Date Sampled: 01/27/22

Date Accepted: 01/27/22

Harvest/Prod. Date: 01/24/2022

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.1447 %

Total CBD : 3.737 %

CBC : 1.531 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 1/28/2022

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Periodic Caramels
shane@periodiccaramels.com

Potency Analysis

Date/Time Extracted: 01/27/22 12:55

Analysis Method/SOP: 215

Batch Identification: 2205045

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0036	1.447		
Total CBD	0.0036	37.37		
THCA	0.0036	< LOQ		
delta 9-THC	0.0036	1.447		
delta 8-THC	0.1380	< LOQ		
THCV	0.1077	< LOQ		
THCVA	0.1611	< LOQ		
CBD	0.0036	37.37		
CBDA	0.0036	< LOQ		
CBDV	0.1108	< LOQ		
CBDVA	0.1521	< LOQ		
CBN	0.0995	< LOQ		
CBG	0.1157	< LOQ		
CBGA	0.1534	< LOQ		
CBC	0.1452	15.31		

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: 2205045 - 215-Products

Blank(2205045-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/27/22 12:55	01/28/22 02:41	
delta 9-THC	< LOQ	0.0005	%		01/27/22 12:55	01/28/22 02:41	
delta 8-THC	< LOQ	0.0192	%		01/27/22 12:55	01/28/22 02:41	
THCV	< LOQ	0.0150	%		01/27/22 12:55	01/28/22 02:41	
THCVA	< LOQ	0.0224	%		01/27/22 12:55	01/28/22 02:41	
CBD	< LOQ	0.0005	%		01/27/22 12:55	01/28/22 02:41	
CBDA	< LOQ	0.0005	%		01/27/22 12:55	01/28/22 02:41	
CBDV	< LOQ	0.0154	%		01/27/22 12:55	01/28/22 02:41	
CBDVA	< LOQ	0.0212	%		01/27/22 12:55	01/28/22 02:41	
CBN	< LOQ	0.0138	%		01/27/22 12:55	01/28/22 02:41	
CBG	< LOQ	0.0161	%		01/27/22 12:55	01/28/22 02:41	
CBGA	< LOQ	0.0213	%		01/27/22 12:55	01/28/22 02:41	
CBC	< LOQ	0.0202	%		01/27/22 12:55	01/28/22 02:41	

Reference(2205045-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	111	0.0005	%	80-120	01/27/22 12:55	01/28/22 03:04	
CBD	100	0.0005	%	80-120	01/27/22 12:55	01/28/22 03:04	



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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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