



CRX22012-0102

Sample ID: G3A0413-01

Matrix: Hemp Products

Test ID: 5020253

Source ID:

Date Sampled: 01/28/23

Date Accepted: 01/28/23

Harvest/Prod. Date: 01.09.2023

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0051 %

Total CBD : 0.2879 %

CBN : 0.0609 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 2/1/2023

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Potency Analysis

Date/Time Extracted: 01/31/23 12:25

Analysis Method/SOP: 215

Batch Identification: 2305018

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	0.051		
Total CBD	0.0010	2.879		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	0.051		
delta 8-THC	0.0384	< LOQ		
THCV	0.0300	< LOQ		
THCVA	0.0448	< LOQ		
CBD	0.0010	2.814		
CBDA	0.0010	0.074		
CBDV	0.0308	< LOQ		
CBDVA	0.0423	< LOQ		
CBN	0.0277	0.609		
CBG	0.0322	< LOQ		
CBGA	0.0427	< LOQ		
CBC	0.0404	< 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: 2305018 - 215-Products

Blank(2305018-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0082	%		01/31/23 12:25	01/31/23 21:51	
delta 9-THC	< LOQ	0.0082	%		01/31/23 12:25	01/31/23 21:51	
delta 8-THC	< LOQ	0.3155	%		01/31/23 12:25	01/31/23 21:51	
THCV	< LOQ	0.2462	%		01/31/23 12:25	01/31/23 21:51	
THCVA	< LOQ	0.3685	%		01/31/23 12:25	01/31/23 21:51	
CBD	< LOQ	0.0082	%		01/31/23 12:25	01/31/23 21:51	
CBDA	< LOQ	0.0082	%		01/31/23 12:25	01/31/23 21:51	
CBDV	< LOQ	0.2533	%		01/31/23 12:25	01/31/23 21:51	
CBDVA	< LOQ	0.3479	%		01/31/23 12:25	01/31/23 21:51	
CBN	< LOQ	0.2275	%		01/31/23 12:25	01/31/23 21:51	
CBG	< LOQ	0.2646	%		01/31/23 12:25	01/31/23 21:51	
CBGA	< LOQ	0.3508	%		01/31/23 12:25	01/31/23 21:51	
CBC	< LOQ	0.3320	%		01/31/23 12:25	01/31/23 21:51	

Reference(2305018-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0099	%	90-110	01/31/23 12:25	01/31/23 22:14	
delta 9-THC	108	0.0099	%	90-110	01/31/23 12:25	01/31/23 22:14	
delta 8-THC	97.1	0.3796	%	90-110	01/31/23 12:25	01/31/23 22:14	
CBD	104	0.0099	%	90-110	01/31/23 12:25	01/31/23 22:14	
CBDA	98.7	0.0099	%	90-110	01/31/23 12:25	01/31/23 22:14	



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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. Results do not include uncertainty of measurements. Available upon request.

- 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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