



CRF23015-0101

Sample ID: G4A0226-01

Matrix: Hemp Products

Test ID: 5026477

Source ID:

Date Sampled: 01/23/24

Date Accepted: 01/23/24

Harvest/Prod. Date: 01.15.2024

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0053 %

Total CBD : 0.2792 %

Total CBG : 0.0604 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 1/26/2024



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Periodic Caramels
shane@periodiccaramels.com

Potency Analysis

Date/Time Extracted: 01/24/24 11:51

Analysis Method/SOP: 215

Batch Identification: 2404075

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile												
Total THC	0.000250	0.053	<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>0.3</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>0.4</td></tr> </table>	delta 9-THC	0.0	CBDA	0.0	CBD	0.3	CBG	0.1	CBC	0.0	Total	0.4
delta 9-THC	0.0														
CBDA	0.0														
CBD	0.3														
CBG	0.1														
CBC	0.0														
Total	0.4														
Total CBD	0.000250	2.792													
Total CBG	0.0069	0.604													
THCA	0.000250	< LOQ													
delta 9-THC	0.000250	0.053													
delta 8-THC	0.0096	< LOQ													
THCV	0.0075	< LOQ													
THCVA	0.0112	< LOQ													
CBD	0.000250	2.662													
CBDA	0.000250	0.148													
CBDV	0.0077	< LOQ													
CBDVA	0.0106	< LOQ													
CBN	0.0069	< LOQ													
CBG	0.0081	0.604													
CBGA	0.0107	< LOQ													
CBC	0.0101	0.108													

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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Quality Control Potency

Batch: 2404075 - 215-Products

Blank(2404075-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12	
delta 9-THC	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12	
delta 8-THC	< LOQ	0.1500	%		01/24/24 11:51	01/24/24 18:12	
THCV	< LOQ	0.1171	%		01/24/24 11:51	01/24/24 18:12	
THCVA	< LOQ	0.1752	%		01/24/24 11:51	01/24/24 18:12	
CBD	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12	
CBDA	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12	
CBDV	< LOQ	0.1205	%		01/24/24 11:51	01/24/24 18:12	
CBDVA	< LOQ	0.1655	%		01/24/24 11:51	01/24/24 18:12	
CBN	< LOQ	0.1082	%		01/24/24 11:51	01/24/24 18:12	
CBG	< LOQ	0.1258	%		01/24/24 11:51	01/24/24 18:12	
CBGA	< LOQ	0.1668	%		01/24/24 11:51	01/24/24 18:12	
CBC	< LOQ	0.1579	%		01/24/24 11:51	01/24/24 18:12	

Reference(2404075-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	94.6	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35	
delta 9-THC	100	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35	
delta 8-THC	99.7	0.9983	%	90-110	01/24/24 11:51	01/24/24 18:35	
CBD	107	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35	
CBDA	108	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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.
- 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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