



RSO 010-02

Sample ID: G2K0402-01

Matrix: Products

Test ID: 5026189

Source ID:

Date Sampled: 11/26/22

Date Accepted: 11/26/22

Harvest/Prod. Date: 11.16.2022

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.1850 %

Total CBD : 4.116 %

CBN : 0.9578 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 12/1/2022

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Periodic Caramels
shane@periodiccaramels.com

Potency Analysis

Date/Time Extracted: 11/30/22 10:49

Analysis Method/SOP: 215

Batch Identification: 2249030

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	1.85		
Total CBD	0.0040	41.16		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	1.85		
delta 8-THC	0.0382	< LOQ		
THCV	0.0298	< LOQ		
THCVA	0.0446	< LOQ		
CBD	0.0040	41.16		
CBDA	0.0040	< LOQ		
CBDV	0.0307	< LOQ		
CBDVA	0.0422	< LOQ		
CBN	0.0276	9.578		
CBG	0.0321	0.712		
CBGA	0.0425	< LOQ		
CBC	0.0402	0.58		

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: 2249030 - 215-Products

Blank(2249030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		11/30/22 10:49	11/30/22 18:24	
delta 9-THC	< LOQ	0.0039	%		11/30/22 10:49	11/30/22 18:24	
delta 8-THC	< LOQ	0.1495	%		11/30/22 10:49	11/30/22 18:24	
THCV	< LOQ	0.1166	%		11/30/22 10:49	11/30/22 18:24	
THCVA	< LOQ	0.1746	%		11/30/22 10:49	11/30/22 18:24	
CBD	< LOQ	0.0039	%		11/30/22 10:49	11/30/22 18:24	
CBDA	< LOQ	0.0039	%		11/30/22 10:49	11/30/22 18:24	
CBDV	< LOQ	0.1200	%		11/30/22 10:49	11/30/22 18:24	
CBDVA	< LOQ	0.1648	%		11/30/22 10:49	11/30/22 18:24	
CBN	< LOQ	0.1078	%		11/30/22 10:49	11/30/22 18:24	
CBG	< LOQ	0.1254	%		11/30/22 10:49	11/30/22 18:24	
CBGA	< LOQ	0.1662	%		11/30/22 10:49	11/30/22 18:24	
CBC	< LOQ	0.1573	%		11/30/22 10:49	11/30/22 18:24	

Reference(2249030-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.9	0.0097	%	90-110	11/30/22 10:49	11/30/22 18:47	
delta 9-THC	99.7	0.0097	%	90-110	11/30/22 10:49	11/30/22 18:47	
delta 8-THC	106	0.3718	%	90-110	11/30/22 10:49	11/30/22 18:47	
CBD	99.4	0.0097	%	90-110	11/30/22 10:49	11/30/22 18:47	
CBDA	94.7	0.0097	%	90-110	11/30/22 10:49	11/30/22 18:47	



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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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