



OBL20003-0401

Sample ID: G1G0463-01

Matrix: Hemp Products

Test ID: 5016273

Source ID:

Date Sampled: 07/29/21

Date Accepted: 07/29/21

Periodic Caramels

Results at a Glance

Total THC : 0.0092 %

Total CBD : 0.5763 %



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LABORATORY**

Eric Wendt
Chief Science Officer - 8/23/2021

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Periodic Caramels

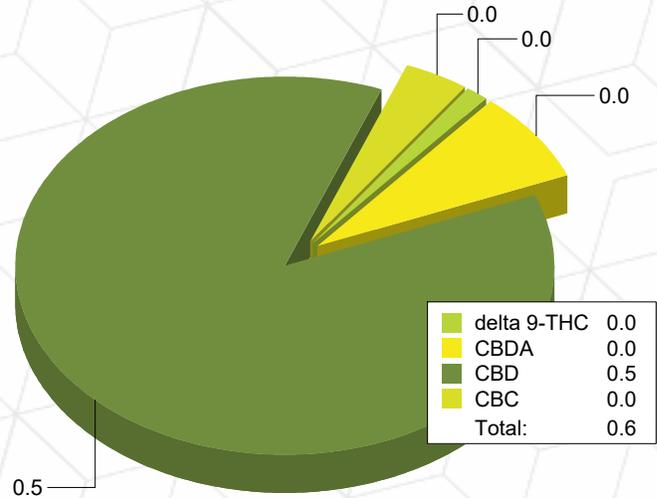
Potency Analysis

Date/Time Extracted: 07/30/21 10:06

Analysis Method/SOP: 215

Batch Identification: 2131052

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0076	0.0092	0.092	
Total CBD	0.0159	0.5763	5.763	
THCA	0.0221	< LOQ	< LOQ	
delta 9-THC	0.0076	0.0092	0.092	
delta 8-THC	0.0192	< LOQ	< LOQ	
THCV	0.0150	< LOQ	< LOQ	
THCVA	0.0224	< LOQ	< LOQ	
CBD	0.0159	0.5347	5.347	
CBDA	0.0220	0.0474	0.474	
CBDV	0.0154	< LOQ	< LOQ	
CBDVA	0.0212	< LOQ	< LOQ	
CBN	0.0138	< LOQ	< LOQ	
CBG	0.0161	< LOQ	< LOQ	
CBGA	0.0213	< LOQ	< LOQ	
CBC	0.0202	0.0236	0.236	



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: 2131052 - 215-Products

Blank(2131052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
THCA	< LOQ	0.1764	%		07/30/21 10:06	07/30/21 22:03	
delta 9-THC	< LOQ	0.1222	%		07/30/21 10:06	07/30/21 22:03	
THCV	< LOQ	0.1198	%		07/30/21 10:06	07/30/21 22:03	
THCVA	< LOQ	0.1794	%		07/30/21 10:06	07/30/21 22:03	
CBD	< LOQ	0.1274	%		07/30/21 10:06	07/30/21 22:03	
CBDA	< LOQ	0.1757	%		07/30/21 10:06	07/30/21 22:03	
CBDV	< LOQ	0.1233	%		07/30/21 10:06	07/30/21 22:03	
CBDVA	< LOQ	0.1694	%		07/30/21 10:06	07/30/21 22:03	
CBN	< LOQ	0.1107	%		07/30/21 10:06	07/30/21 22:03	
CBG	< LOQ	0.1288	%		07/30/21 10:06	07/30/21 22:03	
CBGA	< LOQ	0.1707	%		07/30/21 10:06	07/30/21 22:03	
CBC	< LOQ	0.1616	%		07/30/21 10:06	07/30/21 22:03	

Reference(2131052-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes
delta 9-THC	95.9	0.0153	%	80-120	07/30/21 10:06	07/30/21 22:26	
CBD	105	0.0159	%	80-120	07/30/21 10:06	07/30/21 22:26	



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Notes and Definitions

- 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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