



TCL 22010-0201

Sample ID: G2D0249-01

Matrix: Hemp Products

Test ID: 5016067

Source ID:

Date Sampled: 04/14/22

Date Accepted: 04/14/22

Harvest/Prod. Date: 4/12/22

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.1942 %

Total CBD : 3.748 %

CBC : 1.070 % PASS



ISO 17025
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LABORATORY

Eric Wendt
Chief Science Officer - 4/18/2022



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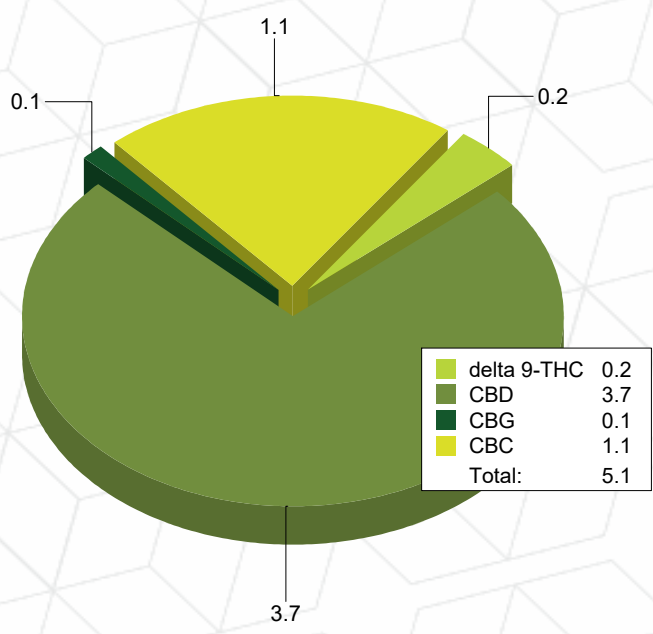
Potency Analysis

Date/Time Extracted: 04/15/22 10:48

Analysis Method/SOP: 215

Batch Identification: 2216042

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	1.942		
Total CBD	0.0039	37.48		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	1.942		
delta 8-THC	0.0378	< LOQ		
THCV	0.0295	< LOQ		
THCVA	0.0442	< LOQ		
CBD	0.0039	37.48		
CBDA	0.0039	< LOQ		
CBDV	0.0304	< LOQ		
CBDVA	0.0417	< LOQ		
CBN	0.0273	< LOQ		
CBG	0.0317	0.838		
CBGA	0.0420	< LOQ		
CBC	0.0398	10.7		



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: 2216042 - 215-Products

Blank(2216042-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
delta 9-THC	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
delta 8-THC	< LOQ	0.0192	%		04/15/22 10:48	04/15/22 22:33	
THCV	< LOQ	0.0150	%		04/15/22 10:48	04/15/22 22:33	
THCVA	< LOQ	0.0224	%		04/15/22 10:48	04/15/22 22:33	
CBD	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
CBDA	< LOQ	0.0005	%		04/15/22 10:48	04/15/22 22:33	
CBDV	< LOQ	0.0154	%		04/15/22 10:48	04/15/22 22:33	
CBDVA	< LOQ	0.0212	%		04/15/22 10:48	04/15/22 22:33	
CBN	< LOQ	0.0138	%		04/15/22 10:48	04/15/22 22:33	
CBG	< LOQ	0.0161	%		04/15/22 10:48	04/15/22 22:33	
CBGA	< LOQ	0.0213	%		04/15/22 10:48	04/15/22 22:33	
CBC	< LOQ	0.0202	%		04/15/22 10:48	04/15/22 22:33	

Reference(2216042-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	92.5	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	
delta 9-THC	104	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	
delta 8-THC	94.2	0.1935	%	90-110	04/15/22 10:48	04/16/22 10:07	
CBD	102	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	
CBDA	97.8	0.0050	%	90-110	04/15/22 10:48	04/16/22 10:07	



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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.
 - 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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