



TCL22010-0102

Sample ID: G2L0156-03

Matrix: Hemp Products

Test ID: 5026215

Source ID:

Date Sampled: 12/10/22

Date Accepted: 12/10/22

Harvest/Prod. Date: 12.05.2022

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.1966 %

Total CBD : 4.348 %

CBC : 0.8662 % PASS



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LABORATORY

Eric Wendt
Chief Science Officer - 12/13/2022

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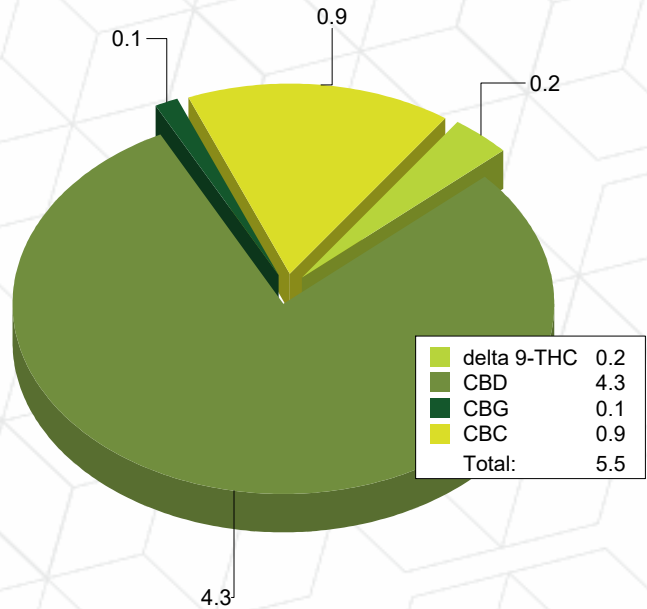
Potency Analysis

Date/Time Extracted: 12/12/22 13:29

Analysis Method/SOP: 215

Batch Identification: 2251005

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	1.966		
Total CBD	0.0095	43.48		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	1.966		
delta 8-THC	0.0365	< LOQ		
THCV	0.0285	< LOQ		
THCVA	0.0426	< LOQ		
CBD	0.0095	43.48		
CBDA	0.0095	< LOQ		
CBDV	0.0293	< LOQ		
CBDVA	0.0403	< LOQ		
CBN	0.0263	< LOQ		
CBG	0.0306	0.771		
CBGA	0.0406	< LOQ		
CBC	0.0384	8.662		



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: 2251005 - 215-Products

Blank(2251005-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0080	%		12/12/22 13:29	12/12/22 22:40	
delta 9-THC	< LOQ	0.0080	%		12/12/22 13:29	12/12/22 22:40	
delta 8-THC	< LOQ	0.3082	%		12/12/22 13:29	12/12/22 22:40	
THCV	< LOQ	0.2405	%		12/12/22 13:29	12/12/22 22:40	
THCVA	< LOQ	0.3599	%		12/12/22 13:29	12/12/22 22:40	
CBD	< LOQ	0.0080	%		12/12/22 13:29	12/12/22 22:40	
CBDA	< LOQ	0.0080	%		12/12/22 13:29	12/12/22 22:40	
CBDV	< LOQ	0.2474	%		12/12/22 13:29	12/12/22 22:40	
CBDVA	< LOQ	0.3398	%		12/12/22 13:29	12/12/22 22:40	
CBN	< LOQ	0.2222	%		12/12/22 13:29	12/12/22 22:40	
CBG	< LOQ	0.2585	%		12/12/22 13:29	12/12/22 22:40	
CBGA	< LOQ	0.3426	%		12/12/22 13:29	12/12/22 22:40	
CBC	< LOQ	0.3242	%		12/12/22 13:29	12/12/22 22:40	

Reference(2251005-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	90.1	0.0099	%	90-110	12/12/22 13:29	12/13/22 11:42	
delta 9-THC	99.8	0.0099	%	90-110	12/12/22 13:29	12/13/22 11:42	
delta 8-THC	97.0	0.3797	%	90-110	12/12/22 13:29	12/13/22 11:42	
CBD	99.5	0.0099	%	90-110	12/12/22 13:29	12/13/22 11:42	
CBDA	98.1	0.0099	%	90-110	12/12/22 13:29	12/13/22 11:42	



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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.
- 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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