



TCBG21007-0101

Sample ID: G1L0156-02RE1 Matrix: Hemp Products

Test ID: 5021073

Source ID:

Date Sampled: 12/08/21 Date Accepted: 12/08/21

Harvest/Prod. Date: 12/1/21

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0733 %

Total CBD : 2.004 %

Total CBG : 0.9945 %



ISO 17025
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LABORATORY

Eric Wendt
Chief Science Officer - 12/15/2021

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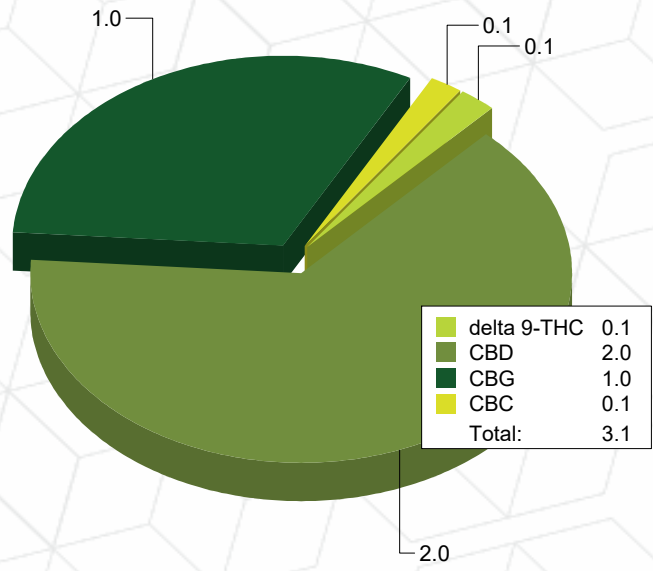
Potency Analysis

Date/Time Extracted: 12/13/21 13:52

Analysis Method/SOP: 215

Batch Identification: 2151007

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0009	0.733		
Total CBD	0.0009	20.04		
Total CBG	0.0506	9.945		
THCA	0.0009	< LOQ		
delta 9-THC	0.0009	0.733		
THCV	0.0274	< LOQ		
THCVA	0.0410	< LOQ		
CBD	0.0009	20.04		
CBDA	0.0009	< LOQ		
CBDV	0.0282	< LOQ		
CBDVA	0.0387	< LOQ		
CBN	0.0253	< LOQ		
CBG	0.0588	9.945		
CBGA	0.0780	< LOQ		
CBC	0.0369	0.567		



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

Batch:

()	Analyte	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
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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.
- 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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