



### CRL21005-0103

Sample ID: G1H0138-02

Matrix: Hemp Products

Test ID: 5016307

Source ID:

Date Sampled: 08/10/21

Date Accepted: 08/10/21

Harvest/Prod. Date: 8/5/21

*Periodic Caramels*

### Results at a Glance

Total THC : 0.0088 %

Total CBD : 0.2653 %



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 8/23/2021

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### CRL21005-0103

Sample ID: G1H0138-02

Matrix: Hemp Products

Test ID: 5016307

Source ID:

Date Sampled: 08/10/21

Date Accepted: 08/10/21

Harvest/Prod. Date: 8/5/21

*Periodic Caramels*

### Potency Analysis

Date/Time Extracted: 08/10/21 12:06

Analysis Method/SOP: 215

Batch Identification: 2133027

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile								
Total THC	0.0076	0.088	<table border="1"> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBDA</td><td>0.1</td></tr> <tr><td>CBD</td><td>0.2</td></tr> <tr><td>Total</td><td>0.3</td></tr> </table>	delta 9-THC	0.0	CBDA	0.1	CBD	0.2	Total	0.3
delta 9-THC	0.0										
CBDA	0.1										
CBD	0.2										
Total	0.3										
Total CBD	0.0080	2.653									
THCA	0.0110	< LOQ									
delta 9-THC	0.0076	0.088									
delta 8-THC	0.0096	< LOQ									
THCV	0.0075	< LOQ									
THCVA	0.0112	< LOQ									
CBD	0.0080	1.816									
CBDA	0.0110	0.954									
CBDV	0.0077	< LOQ									
CBDVA	0.0106	< LOQ									
CBN	0.0069	< LOQ									
CBG	0.0081	< LOQ									
CBGA	0.0107	< LOQ									
CBC	0.0101	< LOQ									

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: 2133027 - 215-Products

Blank(2133027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0221	%		08/10/21 12:06	08/11/21 00:33	
delta 9-THC	< LOQ	0.0153	%		08/10/21 12:06	08/11/21 00:33	
THCV	< LOQ	0.0150	%		08/10/21 12:06	08/11/21 00:33	
THCVA	< LOQ	0.0224	%		08/10/21 12:06	08/11/21 00:33	
CBD	< LOQ	0.0159	%		08/10/21 12:06	08/11/21 00:33	
CBDA	< LOQ	0.0220	%		08/10/21 12:06	08/11/21 00:33	
CBDV	< LOQ	0.0154	%		08/10/21 12:06	08/11/21 00:33	
CBDVA	< LOQ	0.0212	%		08/10/21 12:06	08/11/21 00:33	
CBN	< LOQ	0.0138	%		08/10/21 12:06	08/11/21 00:33	
CBG	< LOQ	0.0161	%		08/10/21 12:06	08/11/21 00:33	
CBGA	< LOQ	0.0213	%		08/10/21 12:06	08/11/21 00:33	
CBC	< LOQ	0.0202	%		08/10/21 12:06	08/11/21 00:33	

Reference(2133027-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	97.7	0.0153	%	80-120	08/10/21 12:06	08/11/21 01:07	
CBD	108	0.0159	%	80-120	08/10/21 12:06	08/11/21 01:07	



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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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