



D8CL23015-0101

Sample ID: G3H0116-01

Matrix: Hemp Products

Test ID: 5024156

Source ID:

Date Sampled: 08/04/23

Date Accepted: 08/04/23

Harvest/Prod. Date: 07.31.2023

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : <LOQ (0.000250%) %

Total CBD : 0.0635 %

delta 8-THC : 0.2317 % PASS

CBC : 0.0606 % PASS



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 8/8/2023

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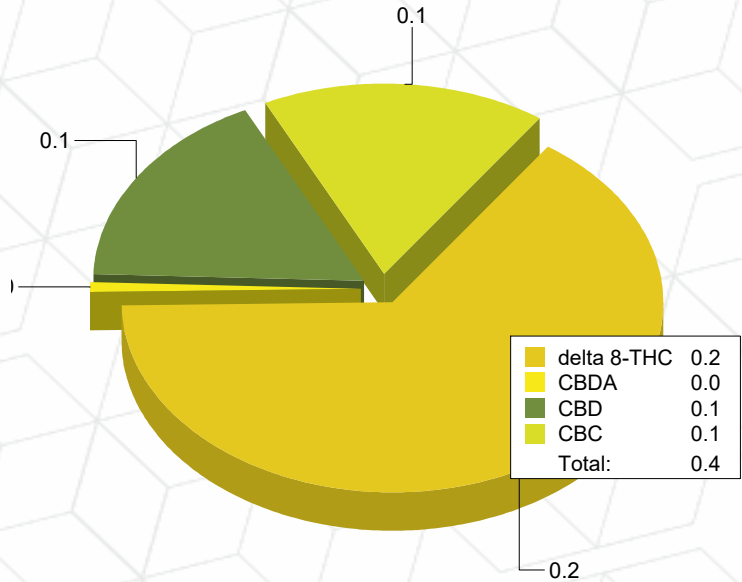
Potency Analysis by HPLC

Date/Time Extracted: 08/07/23 11:19

Analysis Method/SOP: 215

Batch Identification: 2332008

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.000250	< LOQ		
Total CBD	0.000250	0.635		
THCA	0.000250	< LOQ		
delta 9-THC	0.000250	< LOQ		
delta 8-THC	0.0096	2.317	0.1	
THCV	0.0075	< LOQ		
THCVA	0.0112	< LOQ		
CBD	0.000250	0.615		
CBDA	0.000250	0.023		
CBDV	0.0077	< LOQ		
CBDVA	0.0106	< LOQ		
CBN	0.0069	< LOQ		
CBG	0.0081	< LOQ		
CBGA	0.0107	< LOQ		
CBC	0.0101	0.606		



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: 2332008 - 215-Products

Blank(2332008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0073	%		08/07/23 11:19	08/07/23 17:07	
delta 9-THC	< LOQ	0.0073	%		08/07/23 11:19	08/07/23 17:07	
delta 8-THC	< LOQ	0.2811	%		08/07/23 11:19	08/07/23 17:07	
THCV	< LOQ	0.2193	%		08/07/23 11:19	08/07/23 17:07	
THCVA	< LOQ	0.3283	%		08/07/23 11:19	08/07/23 17:07	
CBD	< LOQ	0.0073	%		08/07/23 11:19	08/07/23 17:07	
CBDA	< LOQ	0.0073	%		08/07/23 11:19	08/07/23 17:07	
CBDV	< LOQ	0.2257	%		08/07/23 11:19	08/07/23 17:07	
CBDVA	< LOQ	0.3100	%		08/07/23 11:19	08/07/23 17:07	
CBN	< LOQ	0.2027	%		08/07/23 11:19	08/07/23 17:07	
CBG	< LOQ	0.2357	%		08/07/23 11:19	08/07/23 17:07	
CBGA	< LOQ	0.3125	%		08/07/23 11:19	08/07/23 17:07	
CBC	< LOQ	0.2958	%		08/07/23 11:19	08/07/23 17:07	

Reference(2332008-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	110	0.0097	%	90-110	08/07/23 11:19	08/07/23 17:30	
delta 9-THC	108	0.0097	%	90-110	08/07/23 11:19	08/07/23 17:30	
delta 8-THC	105	0.3716	%	90-110	08/07/23 11:19	08/07/23 17:30	
CBD	104	0.0097	%	90-110	08/07/23 11:19	08/07/23 17:30	
CBDA	96.9	0.0097	%	90-110	08/07/23 11:19	08/07/23 17:30	



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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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