

Quality Control Testing Official Report

ORX23015-0101

Sample ID: G4A0226-04 Matrix: Hemp Products Test ID: 5026480 Source ID: Date Sampled: 01/23/24

Date Accepted: 01/23/24

Harvest/Prod. Date: 01.15.2024

Periodic Caramels

shane@periodiccaramels.com

Results at a Glance

Total THC: 0.0180 %

Total CBD: 0.5930 %

CBN: 0.2016 % PASS



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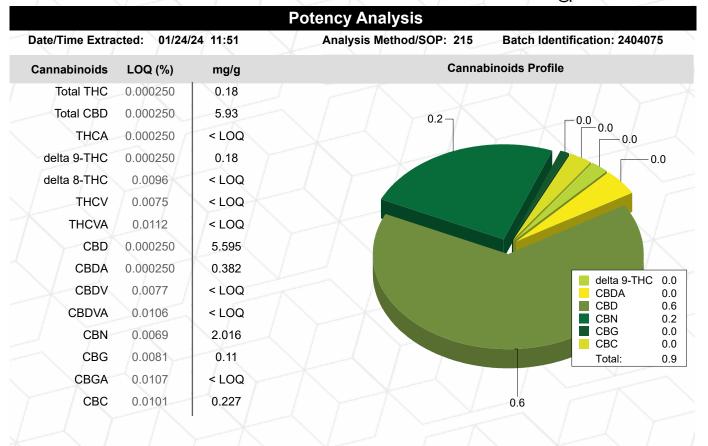
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Total THC = delta 9-THC + (THCA * 0.877) Total CBD = CBD + (CBDA * 0.877) Total CBG = CBG + (CBGA * 0.878) LOQ=Limit of Quantification, the lowest measurable concentration of an analyte. THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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Quality Control Potency

Batch: 2404075 - 215-Products

Blank(2404075-BLK1)										
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes			
THCA	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12				
delta 9-THC	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12				
delta 8-THC	< LOQ	0.1500	%		01/24/24 11:51	01/24/24 18:12				
THCV	< LOQ	0.1171	%		01/24/24 11:51	01/24/24 18:12				
THCVA	< LOQ	0.1752	%		01/24/24 11:51	01/24/24 18:12				
CBD	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12				
CBDA	< LOQ	0.0039	%		01/24/24 11:51	01/24/24 18:12				
CBDV	< LOQ	0.1205	%		01/24/24 11:51	01/24/24 18:12				
CBDVA	< LOQ	0.1655	%		01/24/24 11:51	01/24/24 18:12				
CBN	< LOQ	0.1082	%		01/24/24 11:51	01/24/24 18:12				
CBG	< LOQ	0.1258	%		01/24/24 11:51	01/24/24 18:12				
CBGA	< LOQ	0.1668	%		01/24/24 11:51	01/24/24 18:12				
CBC	< LOQ	0.1579	%		01/24/24 11:51	01/24/24 18:12				

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes			
THCA	94.6	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35				
delta 9-THC	100	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35				
delta 8-THC	99.7	0.9983	%	90-110	01/24/24 11:51	01/24/24 18:35				
CBD	107	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35				
CBDA	108	0.0260	%	90-110	01/24/24 11:51	01/24/24 18:35				





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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

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- 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
- C 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 TPP recovery accuracy in Matrix Spike.
- 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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