

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com License#: 10029074C70

#### **Caramels - Caramel**

Sample ID: G4B0370-11

Matrix: Hemp Products

**Test ID**: 5028363

Source ID:

**Date Sampled: 02/26/24** 

Date Accepted: 02/26/24

Sun God Herbals, LLC

ceo@sunbreezeinc.com

#### Results at a Glance

Total THC: <LOQ (0.0010%) %

Total CBD: 0.2621 %



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Nolan Mundie Lab Director - 2/28/2024



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#### **Potency Analysis**

Analysis Method/SOP: 215 Batch Identification: 2409016 Date/Time Extracted: 02/27/24 11:47 **Cannabinoids Profile** Cannabinoids LOQ (%) mg/g Total THC 0.0010 < LOQ Total CBD 0.0010 2.621 THCA 0.0010 < LOQ delta 9-THC 0.0010 < LOQ delta 8-THC 0.0384 < LOQ THCV 0.0300 < LOQ **THCVA** 0.0448 < LOQ CBD 0.0010 2.621 **CBDA** 0.0010 < LOQ CBD 0.3 **CBDV** 0.0308 < LOQ Total: 0.3 **CBDVA** 0.0423 < LOQ < LOQ CBN 0.0277 CBG 0.0322 < LOQ 0.3 CBGA 0.0427 < LOQ CBC 0.0404 < 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.

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: 2409016 - 215-Products

Blank(2409016-BLK1)									
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes		
THCA	< LOQ	0.0039	%		02/27/24 11:47	02/27/24 17:10			
delta 9-THC	< LOQ	0.0039	%		02/27/24 11:47	02/27/24 17:10			
delta 8-THC	< LOQ	0.1515	%		02/27/24 11:47	02/27/24 17:10			
THCV	< LOQ	0.1182	%		02/27/24 11:47	02/27/24 17:10			
THCVA	< LOQ	0.1770	%		02/27/24 11:47	02/27/24 17:10			
CBD	< LOQ	0.0039	%		02/27/24 11:47	02/27/24 17:10			
CBDA	< LOQ	0.0039	%		02/27/24 11:47	02/27/24 17:10			
CBDV	< LOQ	0.1217	%		02/27/24 11:47	02/27/24 17:10			
CBDVA	< LOQ	0.1671	%		02/27/24 11:47	02/27/24 17:10			
CBN	< LOQ	0.1093	%		02/27/24 11:47	02/27/24 17:10			
CBG	< LOQ	0.1271	%		02/27/24 11:47	02/27/24 17:10			
CBGA	< LOQ	0.1685	%		02/27/24 11:47	02/27/24 17:10			
CBC	< LOQ	0.1594	%		02/27/24 11:47	02/27/24 17:10			

Reference(2409016-SRM1)								
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	94.7	0.0256	%	90-110	02/27/24 11:47	02/27/24 17:33		
delta 9-THC	96.7	0.0256	%	90-110	02/27/24 11:47	02/27/24 17:33		
delta 8-THC	96.6	0.9845	%	90-110	02/27/24 11:47	02/27/24 17:33		
CBD	92.0	0.0256	%	90-110	02/27/24 11:47	02/27/24 17:33		
CBDA	104	0.0256	%	90-110	02/27/24 11:47	02/27/24 17:33		



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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.

ATM	Non-cannabis matrix related interference or suppression of Internal standard
/ \ I I I I I	14011-0d1111db15 fildtlik feldted interference of Suppression of interfal 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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