



SUGAR FREE CBD 25mg 023156

Sample ID: G3F0327-01

Matrix: Hemp Products

Test ID: 5025252

Source ID:

Date Sampled: 06/21/23

Date Accepted: 06/21/23

CoPack Oregon/C&R Oregon
wholesale@smokiez.com

Results at a Glance

Total THC : <LOQ (0.0010%) %

Total CBD : 0.4020 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 6/28/2023

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Date Sampled: 06/21/23 Date Accepted: 06/21/23

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Potency Analysis by HPLC

Date/Time Extracted: 06/22/23 10:06

Analysis Method/SOP: 215

Batch Identification: 2325050

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0010	< LOQ	
Total CBD	0.0010	4.02	
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	4.02	
CBDA	0.0010	< LOQ	
CBDV	0.0308	< LOQ	
CBDVA	0.0423	< LOQ	
CBN	0.0277	< LOQ	
CBG	0.0322	< LOQ	
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.



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Quality Control Potency

Batch: 2325050 - 215-Products

Blank(2325050-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0036	%		06/22/23 10:06	06/22/23 17:42	
delta 9-THC	< LOQ	0.0036	%		06/22/23 10:06	06/22/23 17:42	
delta 8-THC	< LOQ	0.1369	%		06/22/23 10:06	06/22/23 17:42	
THCV	< LOQ	0.1068	%		06/22/23 10:06	06/22/23 17:42	
THCVA	< LOQ	0.1599	%		06/22/23 10:06	06/22/23 17:42	
CBD	< LOQ	0.0036	%		06/22/23 10:06	06/22/23 17:42	
CBDA	< LOQ	0.0036	%		06/22/23 10:06	06/22/23 17:42	
CBDV	< LOQ	0.1099	%		06/22/23 10:06	06/22/23 17:42	
CBDVA	< LOQ	0.1510	%		06/22/23 10:06	06/22/23 17:42	
CBN	< LOQ	0.0987	%		06/22/23 10:06	06/22/23 17:42	
CBG	< LOQ	0.1148	%		06/22/23 10:06	06/22/23 17:42	
CBGA	< LOQ	0.1522	%		06/22/23 10:06	06/22/23 17:42	
CBC	< LOQ	0.1440	%		06/22/23 10:06	06/22/23 17:42	

Reference(2325050-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0098	%	90-110	06/22/23 10:06	06/22/23 18:05	
delta 9-THC	109	0.0098	%	90-110	06/22/23 10:06	06/22/23 18:05	
delta 8-THC	101	0.3754	%	90-110	06/22/23 10:06	06/22/23 18:05	
CBD	101	0.0098	%	90-110	06/22/23 10:06	06/22/23 18:05	
CBDA	103	0.0098	%	90-110	06/22/23 10:06	06/22/23 18:05	



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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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