



Be Happy

Sample ID: G3F0339-11

Matrix: Hemp Products

Test ID: 5025241

Source ID:

Date Sampled: 06/21/23

Date Accepted: 06/21/23

Batch Lot ID: CO1332302

Organic Green Roots
ogrhemp@gmail.com 971-219-5413

Results at a Glance

Total THC : <LOQ (0.0100%) %

Total CBD : <LOQ (0.0100%) %



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ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 7/12/2023



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Potency Analysis by HPLC

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

Analysis Method/SOP: 215

Batch Identification: 2325054

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0100	< LOQ	<p>3.8</p> <p>■ CBG 3.8 Total: 3.8</p>
Total CBD	0.0100	< LOQ	
THCA	0.0100	< LOQ	
delta 9-THC	0.0100	< LOQ	
delta 8-THC	0.3821	< LOQ	
THCV	0.2982	< LOQ	
THCVA	0.4463	< LOQ	
CBD	0.0100	< LOQ	
CBDA	0.0100	< LOQ	
CBDV	0.3068	< LOQ	
CBDVA	0.4214	< LOQ	
CBN	0.2755	< LOQ	
CBG	0.3205	38.03	
CBGA	0.4248	< LOQ	
CBC	0.4021	< 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: 2325054 - 215-Products

Blank(2325054-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0082	%		06/22/23 10:22	06/22/23 22:18	
delta 9-THC	< LOQ	0.0082	%		06/22/23 10:22	06/22/23 22:18	
delta 8-THC	< LOQ	0.3134	%		06/22/23 10:22	06/22/23 22:18	
THCV	< LOQ	0.2446	%		06/22/23 10:22	06/22/23 22:18	
THCVA	< LOQ	0.3661	%		06/22/23 10:22	06/22/23 22:18	
CBD	< LOQ	0.0082	%		06/22/23 10:22	06/22/23 22:18	
CBDA	< LOQ	0.0082	%		06/22/23 10:22	06/22/23 22:18	
CBDV	< LOQ	0.2517	%		06/22/23 10:22	06/22/23 22:18	
CBDVA	< LOQ	0.3457	%		06/22/23 10:22	06/22/23 22:18	
CBN	< LOQ	0.2260	%		06/22/23 10:22	06/22/23 22:18	
CBG	< LOQ	0.2629	%		06/22/23 10:22	06/22/23 22:18	
CBGA	< LOQ	0.3485	%		06/22/23 10:22	06/22/23 22:18	
CBC	< LOQ	0.3298	%		06/22/23 10:22	06/22/23 22:18	

Reference(2325054-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	104	0.0100	%	90-110	06/22/23 10:22	06/23/23 12:18	
delta 9-THC	109	0.0100	%	90-110	06/22/23 10:22	06/23/23 12:18	
delta 8-THC	102	0.3837	%	90-110	06/22/23 10:22	06/23/23 12:18	
CBD	102	0.0100	%	90-110	06/22/23 10:22	06/23/23 12:18	
CBDA	103	0.0100	%	90-110	06/22/23 10:22	06/23/23 12:18	



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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 CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL Internal Standard concentration is below acceptance criteria.
- MSH 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 Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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