



4206908

Sample ID: G2K0085-07

Matrix: Hemp Extracts &

Test ID: 5026151

Source ID:

Date Sampled: 11/04/22

Date Accepted: 11/04/22

Harvest/Prod. Date: 11.01.2022

Butter OG, LLC
coa@butterog.com

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 85.60 % **PASS**



Eric Wendt
Chief Science Officer - 11/8/2022



4206908

Sample ID: G2K0085-07

Matrix: Hemp Extracts &

Test ID: 5026151

Source ID:

Date Sampled: 11/04/22

Date Accepted: 11/04/22

Harvest/Prod. Date: 11.01.2022

Butter OG, LLC
coa@butterog.com

Potency Analysis

Date/Time Extracted: 11/07/22 10:27

Analysis Method/SOP: 215

Batch Identification: 2246001

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>85.6</p>
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	85.60	856	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		85.60	856	

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.



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 11/8/2022

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



Quality Control Potency

Batch: 2246001 - 215-Concentrates

Blank(2246001-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/07/22 10:27	11/07/22 16:31	
delta 9-THC	< LOQ	0.0005	%		11/07/22 10:27	11/07/22 16:31	
delta 8-THC	< LOQ	0.0934	%		11/07/22 10:27	11/07/22 16:31	
THCV	< LOQ	0.1052	%		11/07/22 10:27	11/07/22 16:31	
THCVA	< LOQ	0.0392	%		11/07/22 10:27	11/07/22 16:31	
CBD	< LOQ	0.0005	%		11/07/22 10:27	11/07/22 16:31	
CBDA	< LOQ	0.0005	%		11/07/22 10:27	11/07/22 16:31	
CBDV	< LOQ	0.1040	%		11/07/22 10:27	11/07/22 16:31	
CBDVA	< LOQ	0.0341	%		11/07/22 10:27	11/07/22 16:31	
CBN	< LOQ	0.0622	%		11/07/22 10:27	11/07/22 16:31	
CBG	< LOQ	0.0164	%		11/07/22 10:27	11/07/22 16:31	
CBGA	< LOQ	0.0164	%		11/07/22 10:27	11/07/22 16:31	
CBC	< LOQ	0.0186	%		11/07/22 10:27	11/07/22 16:31	

Reference(2246001-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.4	0.0002	%	90-110	11/07/22 10:27	11/07/22 16:54	
delta 9-THC	104	0.0002	%	90-110	11/07/22 10:27	11/07/22 16:54	
delta 8-THC	102	0.0465	%	90-110	11/07/22 10:27	11/07/22 16:54	
CBD	106	0.0002	%	90-110	11/07/22 10:27	11/07/22 16:54	
CBDA	101	0.0002	%	90-110	11/07/22 10:27	11/07/22 16:54	



Eric Wendt
Chief Science Officer - 11/8/2022

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



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. Laboratory results do not take into account the 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
 - 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



Eric Wendt
Chief Science Officer - 11/8/2022

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.