

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com

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CBD PM Fruit Chews

Sample ID: G3H0049-01

Matrix: Hemp Products

Test ID: 5024138 Source ID:

Date Sampled: 08/02/23

Date Accepted: 08/02/23

Bumble B. Well

Results at a Glance

Total THC: <LOQ (0.0010%) %

Total CBD: 0.2831 %





Eric Wendt Chief Science Officer - 8/6/2023



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Potency Analysis by HPLC

Analysis Method/SOP: 215 Batch Identification: 2331061 Date/Time Extracted: 08/03/23 12:54

Date: I mile Extra	0.00.			Analysis mountained. 1 210 Eaton lasmandation 200100
Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0010	< LOQ	< LOQ	
Total CBD	0.0010	2.831	14.2	
THCA	0.0010	< LOQ	< LOQ	
delta 9-THC	0.0010	< LOQ	< LOQ	
delta 8-THC	0.0384	< LOQ	< LOQ	
THCV	0.0300	< LOQ	< LOQ	
THCVA	0.0448	< LOQ	< LOQ	
CBD	0.0010	2.831	14.2	
CBDA	0.0010	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	CBD 0.3 Total: 0.3
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	< LOQ	< LOQ	
CBGA	0.0427	< LOQ	< LOQ	0.3
CBC	0.0404	< LOQ	< LOQ	

Unit weight = 5 g as provided by client

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: 2331061 - 215-Products

Blank(2331061-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
delta 9-THC	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
delta 8-THC	< LOQ	0.2815	%		08/03/23 12:54	08/03/23 17:34	
THCV	< LOQ	0.2197	%		08/03/23 12:54	08/03/23 17:34	
THCVA	< LOQ	0.3288	%		08/03/23 12:54	08/03/23 17:34	
CBD	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
CBDA	< LOQ	0.0073	%		08/03/23 12:54	08/03/23 17:34	
CBDV	< LOQ	0.2260	%		08/03/23 12:54	08/03/23 17:34	
CBDVA	< LOQ	0.3104	%		08/03/23 12:54	08/03/23 17:34	
CBN	< LOQ	0.2030	%		08/03/23 12:54	08/03/23 17:34	
CBG	< LOQ	0.2361	%		08/03/23 12:54	08/03/23 17:34	
CBGA	< LOQ	0.3130	%		08/03/23 12:54	08/03/23 17:34	
CBC	< LOQ	0.2962	%		08/03/23 12:54	08/03/23 17:34	

Reference(2331061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	
delta 9-THC	102	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	
delta 8-THC	102	0.3747	%	90-110	08/03/23 12:54	08/03/23 17:57	
CBD	99.2	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	
CBDA	94.0	0.0098	%	90-110	08/03/23 12:54	08/03/23 17:57	







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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 BLI BLK	Non-cannabis matrix related interference or suppression of Internal standard Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery. Analyte detected in method blank, but not associated samples.
BSH	Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
BSL C	Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed 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

