



Gummy Marionberry Lemon

Sample ID: G3G0282-01 Matrix: Hemp Products

Test ID: 5024118

Source ID: Batch # GUM-1039

Date Sampled: 07/21/23 Date Accepted: 07/21/23

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : <LOQ (0.0010%) %

Total CBD : 0.5276 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 7/25/2023

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Mission Farms CBD
ben@missionfarmscbd.com

Potency Analysis by HPLC

Date/Time Extracted: 07/24/23 10:27 Analysis Method/SOP: 215 Batch Identification: 2330004

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0010	< LOQ	< LOQ	
Total CBD	0.0010	5.276	26.4	
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	5.276	26.4	
CBDA	0.0010	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	< LOQ	< LOQ	
CBGA	0.0427	< LOQ	< LOQ	
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: 2330004 - 215-Products

Blank(2330004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		07/24/23 10:27	07/24/23 17:44	
delta 9-THC	< LOQ	0.0040	%		07/24/23 10:27	07/24/23 17:44	
delta 8-THC	< LOQ	0.1522	%		07/24/23 10:27	07/24/23 17:44	
THCV	< LOQ	0.1188	%		07/24/23 10:27	07/24/23 17:44	
THCVA	< LOQ	0.1777	%		07/24/23 10:27	07/24/23 17:44	
CBD	< LOQ	0.0040	%		07/24/23 10:27	07/24/23 17:44	
CBDA	< LOQ	0.0040	%		07/24/23 10:27	07/24/23 17:44	
CBDV	< LOQ	0.1222	%		07/24/23 10:27	07/24/23 17:44	
CBDVA	< LOQ	0.1678	%		07/24/23 10:27	07/24/23 17:44	
CBN	< LOQ	0.1097	%		07/24/23 10:27	07/24/23 17:44	
CBG	< LOQ	0.1276	%		07/24/23 10:27	07/24/23 17:44	
CBGA	< LOQ	0.1692	%		07/24/23 10:27	07/24/23 17:44	
CBC	< LOQ	0.1601	%		07/24/23 10:27	07/24/23 17:44	

Reference(2330004-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.4	0.0097	%	90-110	07/24/23 10:27	07/24/23 18:08	
delta 9-THC	95.0	0.0097	%	90-110	07/24/23 10:27	07/24/23 18:08	
delta 8-THC	104	0.3715	%	90-110	07/24/23 10:27	07/24/23 18:08	
CBD	95.6	0.0097	%	90-110	07/24/23 10:27	07/24/23 18:08	
CBDA	95.1	0.0097	%	90-110	07/24/23 10:27	07/24/23 18:08	



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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.
- 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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