



Muscle Gel 1200mg

Sample ID: G1E0149-05

Matrix: Hemp Products

Test ID: 5011769

Source ID:

Date Sampled: 05/10/21

Date Accepted: 05/10/21

Batch Lot ID: 21-0430-4

Mission Farms CBD

Results at a Glance

Total THC : <LOQ (0.0305%) %

Total CBD : 1.052 %



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LABORATORY

Eric Wendt
Chief Science Officer - 5/15/2021

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Batch Lot ID: 21-0430-4

Mission Farms CBD

Potency Analysis

Date/Time Extracted: 05/11/21 10:06

Analysis Method/SOP: 215

Batch Identification: 2120011

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0305	< LOQ	< LOQ	<p>A 3D pie chart titled 'Cannabinoids Profile' showing the distribution of cannabinoids. The largest slice is CBD at 1.1 (dark green), followed by CBG at 0.1 (medium green), and CBC at 0.0 (yellow). A legend on the right lists these values and a total of 1.2. The chart also has numerical labels 1.1, 0.1, and 0.0 pointing to their respective slices.</p>
Total CBD	0.0319	10.52	1180	
THCA	0.0441	< LOQ	< LOQ	
delta 9-THC	0.0305	< LOQ	< LOQ	
THCV	0.0300	< LOQ	< LOQ	
THCVA	0.0448	< LOQ	< LOQ	
CBD	0.0319	10.52	1180	
CBDA	0.0439	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	0.618	69.2	
CBGA	0.0427	< LOQ	< LOQ	
CBC	0.0404	0.442	49.5	

Unit weight = 112 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: 2120011 - 215-Products

Blank(2120011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0221	%		05/11/21 10:06	05/11/21 20:56	
delta 9-THC	< LOQ	0.0153	%		05/11/21 10:06	05/11/21 20:56	
THCV	< LOQ	0.0150	%		05/11/21 10:06	05/11/21 20:56	
THCVA	< LOQ	0.0224	%		05/11/21 10:06	05/11/21 20:56	
CBD	< LOQ	0.0159	%		05/11/21 10:06	05/11/21 20:56	
CBDA	< LOQ	0.0220	%		05/11/21 10:06	05/11/21 20:56	
CBDV	< LOQ	0.0154	%		05/11/21 10:06	05/11/21 20:56	
CBDVA	< LOQ	0.0212	%		05/11/21 10:06	05/11/21 20:56	
CBN	< LOQ	0.0138	%		05/11/21 10:06	05/11/21 20:56	
CBG	< LOQ	0.0161	%		05/11/21 10:06	05/11/21 20:56	
CBGA	< LOQ	0.0213	%		05/11/21 10:06	05/11/21 20:56	
CBC	< LOQ	0.0202	%		05/11/21 10:06	05/11/21 20:56	

Reference(2120011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	97.7	0.0153	%	80-120	05/11/21 10:06	05/11/21 21:19	
CBD	102	0.0159	%	80-120	05/11/21 10:06	05/11/21 21:19	



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Notes and Definitions

- 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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