



600mg Muscle Gel

Sample ID: G2K0273-01

Matrix: Hemp Products

Test ID: 5020127

Source ID: Lot# 221116-D-MF04

Date Sampled: 11/18/22

Date Accepted: 11/18/22

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : <LOQ (0.0020%) %

Total CBD : 0.5380 %



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Chief Science Officer - 11/21/2022



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Mission Farms CBD
ben@missionfarmscbd.com

Potency Analysis

Date/Time Extracted: 11/19/22 11:13

Analysis Method/SOP: 215

Batch Identification: 2247063

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0020	< LOQ	< LOQ	<p>A 3D pie chart illustrating the cannabinoid profile. The chart is divided into two segments: a large green segment representing CBD at 0.5 mg/unit and a smaller dark green segment representing CBG at 0.1 mg/unit. A legend to the right of the chart lists 'CBD 0.5', 'CBG 0.1', and 'Total: 0.6'. The total value of 0.6 is also indicated by a line pointing to the combined area of the two segments.</p>
Total CBD	0.0020	5.38	613	
THCA	0.0020	< LOQ	< LOQ	
delta 9-THC	0.0020	< LOQ	< LOQ	
delta 8-THC	0.0760	< LOQ	< LOQ	
THCV	0.0593	< LOQ	< LOQ	
THCVA	0.0888	< LOQ	< LOQ	
CBD	0.0020	5.38	613	
CBDA	0.0020	< LOQ	< LOQ	
CBDV	0.0611	< LOQ	< LOQ	
CBDVA	0.0838	< LOQ	< LOQ	
CBN	0.0548	< LOQ	< LOQ	
CBG	0.0638	0.977	111	
CBGA	0.0845	< LOQ	< LOQ	
CBC	0.0800	< LOQ	< LOQ	

Unit weight = 114 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.



ISO 17025
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LABORATORY

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Quality Control Potency

Batch: 2247063 - 215-Products

Blank(2247063-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
delta 9-THC	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
delta 8-THC	< LOQ	0.1533	%		11/19/22 11:13	11/19/22 23:46	
THCV	< LOQ	0.1197	%		11/19/22 11:13	11/19/22 23:46	
THCVA	< LOQ	0.1791	%		11/19/22 11:13	11/19/22 23:46	
CBD	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
CBDA	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
CBDV	< LOQ	0.1231	%		11/19/22 11:13	11/19/22 23:46	
CBDVA	< LOQ	0.1691	%		11/19/22 11:13	11/19/22 23:46	
CBN	< LOQ	0.1106	%		11/19/22 11:13	11/19/22 23:46	
CBG	< LOQ	0.1286	%		11/19/22 11:13	11/19/22 23:46	
CBGA	< LOQ	0.1705	%		11/19/22 11:13	11/19/22 23:46	
CBC	< LOQ	0.1613	%		11/19/22 11:13	11/19/22 23:46	

Reference(2247063-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.3	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	
delta 9-THC	100	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	
delta 8-THC	103	0.3827	%	90-110	11/19/22 11:13	11/20/22 00:09	
CBD	102	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	
CBDA	97.6	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	



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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 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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