



Relieve CBD Joint and Muscle Gel 7200mg

Sample ID: G3I0233-02

Matrix: Hemp Products

Test ID: 5025552

Source ID: Batch: GEL-1001

Date Sampled: 09/15/23

Date Accepted: 09/15/23

Mission Farms CBD

ben@missionfarmscbd.com

Results at a Glance

Total THC : 0.0704 %

Total CBD : 6.288 %



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Date Sampled: 09/15/23

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Mission Farms CBD

ben@missionfarmscbd.com

Potency Analysis by HPLC

Date/Time Extracted: 09/18/23 11:30

Analysis Method/SOP: 215

Batch Identification: 2338006

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0010	0.704	80.3	
Total CBD	0.0065	62.88	7170	
THCA	0.0010	< LOQ	< LOQ	
delta 9-THC	0.0010	0.704	80.3	
delta 8-THC	0.0384	< LOQ	< LOQ	
THCV	0.0300	< LOQ	< LOQ	
THCVA	0.0448	< LOQ	< LOQ	
CBD	0.0065	62.88	7170	
CBDA	0.0065	< LOQ	< LOQ	
CBDV	0.0308	0.632	72.0	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	0.293	33.4	
CBG	0.0322	1.312	150	
CBGA	0.0427	< LOQ	< LOQ	
CBC	0.0404	0.714	81.4	

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
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 9/19/2023

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



Quality Control Potency

Batch: 2338006 - 215-Products

Blank(2338006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
delta 9-THC	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
delta 8-THC	< LOQ	0.1517	%		09/18/23 11:30	09/18/23 16:41	
THCV	< LOQ	0.1184	%		09/18/23 11:30	09/18/23 16:41	
THCVA	< LOQ	0.1772	%		09/18/23 11:30	09/18/23 16:41	
CBD	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
CBDA	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
CBDV	< LOQ	0.1218	%		09/18/23 11:30	09/18/23 16:41	
CBDVA	< LOQ	0.1673	%		09/18/23 11:30	09/18/23 16:41	
CBN	< LOQ	0.1094	%		09/18/23 11:30	09/18/23 16:41	
CBG	< LOQ	0.1272	%		09/18/23 11:30	09/18/23 16:41	
CBGA	< LOQ	0.1687	%		09/18/23 11:30	09/18/23 16:41	
CBC	< LOQ	0.1596	%		09/18/23 11:30	09/18/23 16:41	

Reference(2338006-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	
delta 9-THC	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	
delta 8-THC	103	0.3863	%	90-110	09/18/23 11:30	09/19/23 11:17	
CBD	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	
CBDA	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	



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	CBD matrix interference on GC Pest chromatography
CV1	CCV was above acceptance criteria, Non-detect samples are considered acceptable.
CV2	CCV was below acceptance criteria, sample still exceeds regulatory limit.
INF	One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
ISH	Internal Standard concentration is above acceptance criteria.
ISL	Internal Standard concentration is below acceptance criteria.
MSH	Matrix Spike High - Matrix Spike recovery above method limits.
MSI	Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
TPP	Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
U	Internal Standard concentration outside control limit due to matrix interference