



Relieve 2400mg Muscle Gel

Sample ID: G3E0282-01 Matrix: Hemp Products

Test ID: 5025002

Source ID: LOT: MFG-2305

Date Sampled: 05/19/23 Date Accepted: 05/19/23

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : <LOQ (0.0128%) %

Total CBD : 2.238 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 5/22/2023



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ben@missionfarmscbd.com

Potency Analysis by HPLC

Date/Time Extracted: 05/20/23 12:22 Analysis Method/SOP: 215 Batch Identification: 2320082

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0128	< LOQ	< LOQ	<p>A 3D pie chart with a single green slice representing 100% of the total. A legend box indicates 'CBD 2.2' and 'Total: 2.2'. A line points from the value '2.2' to the slice.</p>
Total CBD	0.0128	22.38	2550	
THCA	0.0128	< LOQ	< LOQ	
delta 9-THC	0.0128	< LOQ	< LOQ	
delta 8-THC	0.4932	< LOQ	< LOQ	
THCV	0.3849	< LOQ	< LOQ	
THCVA	0.5760	< LOQ	< LOQ	
CBD	0.0128	22.38	2550	
CBDA	0.0128	< LOQ	< LOQ	
CBDV	0.3960	< LOQ	< LOQ	
CBDVA	0.5439	< LOQ	< LOQ	
CBN	0.3556	< LOQ	< LOQ	
CBG	0.4137	< LOQ	< LOQ	
CBGA	0.5483	< LOQ	< LOQ	
CBC	0.5190	< 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.



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Quality Control Potency

Batch: 2320082 - 215-Products

Blank(2320082-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0078	%		05/20/23 12:22	05/20/23 16:52	
delta 9-THC	< LOQ	0.0078	%		05/20/23 12:22	05/20/23 16:52	
delta 8-THC	< LOQ	0.3002	%		05/20/23 12:22	05/20/23 16:52	
THCV	< LOQ	0.2343	%		05/20/23 12:22	05/20/23 16:52	
THCVA	< LOQ	0.3506	%		05/20/23 12:22	05/20/23 16:52	
CBD	< LOQ	0.0078	%		05/20/23 12:22	05/20/23 16:52	
CBDA	< LOQ	0.0078	%		05/20/23 12:22	05/20/23 16:52	
CBDV	< LOQ	0.2411	%		05/20/23 12:22	05/20/23 16:52	
CBDVA	< LOQ	0.3311	%		05/20/23 12:22	05/20/23 16:52	
CBN	< LOQ	0.2165	%		05/20/23 12:22	05/20/23 16:52	
CBG	< LOQ	0.2518	%		05/20/23 12:22	05/20/23 16:52	
CBGA	< LOQ	0.3338	%		05/20/23 12:22	05/20/23 16:52	
CBC	< LOQ	0.3159	%		05/20/23 12:22	05/20/23 16:52	

Reference(2320082-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0098	%	90-110	05/20/23 12:22	05/20/23 17:15	
delta 9-THC	108	0.0098	%	90-110	05/20/23 12:22	05/20/23 17:15	
delta 8-THC	93.2	0.3775	%	90-110	05/20/23 12:22	05/20/23 17:15	
CBD	101	0.0098	%	90-110	05/20/23 12:22	05/20/23 17:15	
CBDA	95.7	0.0098	%	90-110	05/20/23 12:22	05/20/23 17:15	



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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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