



Relieve Joint & Muscle Gel 600

Sample ID: G110379-03

Matrix: Hemp Products

Test ID: 5019972

Source ID: Batch # 21-0911-3

Date Sampled: 09/21/21

Date Accepted: 09/21/21

Mission Farms CBD

Results at a Glance

Total THC : 0.0439 %

Total CBD : 0.5663 %



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LABORATORY**

Eric Wendt
Chief Science Officer - 9/22/2021

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Relieve Joint & Muscle Gel 600

Sample ID: G1I0379-03

Matrix: Hemp Products

Test ID: 5019972

Source ID: Batch # 21-0911-3

Date Sampled: 09/21/21

Date Accepted: 09/21/21

Mission Farms CBD

Potency Analysis

Date/Time Extracted: 09/21/21 13:14

Analysis Method/SOP: 215

Batch Identification: 2139020

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0355	0.439	49.2	<p>A 3D pie chart titled 'Cannabinoids Profile' showing the distribution of cannabinoids. The chart is dominated by a large green slice representing CBD at 0.6. A much smaller dark green slice represents CBG at 0.0. A legend box on the right side of the chart lists 'CBD 0.6', 'CBG 0.0', and 'Total: 0.6'. The chart is set against a background of a light green hexagonal pattern.</p>
Total CBD	0.0371	5.663	634	
THCA	0.1550	< LOQ	< LOQ	
delta 9-THC	0.1550	< LOQ	< LOQ	
THCV	0.0349	< LOQ	< LOQ	
THCVA	0.0522	< LOQ	< LOQ	
CBD	0.1550	5.663	634	
CBDA	0.1550	< LOQ	< LOQ	
CBDV	0.0359	< LOQ	< LOQ	
CBDVA	0.0493	< LOQ	< LOQ	
CBN	0.0322	< LOQ	< LOQ	
CBG	0.0375	0.468	52.4	
CBGA	0.0497	< LOQ	< LOQ	
CBC	0.0470	< LOQ	< LOQ	

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: 2139020 - 215-Products

Blank(2139020-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
delta 9-THC	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
THCV	< LOQ	0.0150	%		09/21/21 13:14	09/22/21 01:26	
THCVA	< LOQ	0.0224	%		09/21/21 13:14	09/22/21 01:26	
CBD	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
CBDA	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
CBDV	< LOQ	0.0154	%		09/21/21 13:14	09/22/21 01:26	
CBDVA	< LOQ	0.0212	%		09/21/21 13:14	09/22/21 01:26	
CBN	< LOQ	0.0138	%		09/21/21 13:14	09/22/21 01:26	
CBG	< LOQ	0.0161	%		09/21/21 13:14	09/22/21 01:26	
CBGA	< LOQ	0.0213	%		09/21/21 13:14	09/22/21 01:26	
CBC	< LOQ	0.0202	%		09/21/21 13:14	09/22/21 01:26	

Reference(2139020-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	91.0	0.0666	%	80-120	09/21/21 13:14	09/22/21 01:49	
CBD	98.7	0.0666	%	80-120	09/21/21 13:14	09/22/21 01:49	



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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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