



Green Leaf Lab®

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Quality Control Testing Official Report

Relieve 900 CBD Cream

Sample ID: G1G0450-01

Matrix: Hemp Products

Test ID: 5016272

Source ID: Batch # 21-0726-1

Date Sampled: 07/28/21

Date Accepted: 07/28/21

Mission Farms CBD

Results at a Glance

Total THC : <LOQ (0.0305%) %

Total CBD : 1.686 %



ISO 17025
ACCREDITED
LABORATORY

Brittany Wiemer

Brittany Wiemer
Quality Officer - 7/30/2021

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Mission Farms CBD

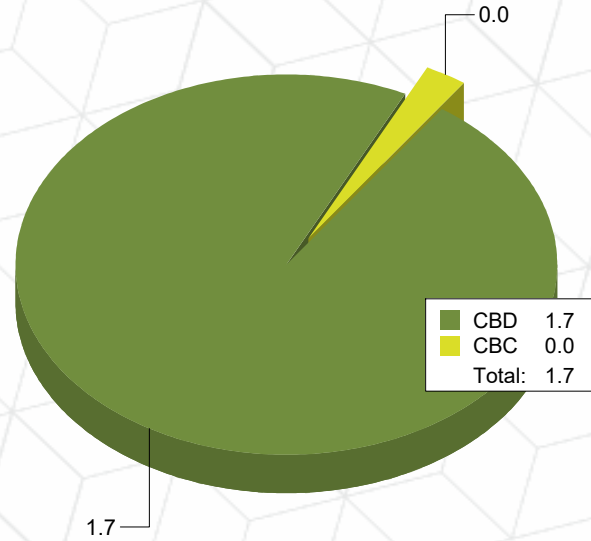
Potency Analysis

Date/Time Extracted: 07/29/21 11:40

Analysis Method/SOP: 215

Batch Identification: 2131046

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0305	< LOQ	< LOQ	
Total CBD	0.0319	16.86	990	
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	16.86	990	
CBDA	0.0439	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	< LOQ	< LOQ	
CBGA	0.0427	< LOQ	< LOQ	
CBC	0.0404	0.445	26.1	



Unit weight = 58.7 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: 2131046 - 215-Products

Blank(2131046-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0221	%		07/29/21 11:40	07/30/21 00:13	
delta 9-THC	< LOQ	0.0153	%		07/29/21 11:40	07/30/21 00:13	
THCV	< LOQ	0.0150	%		07/29/21 11:40	07/30/21 00:13	
THCVA	< LOQ	0.0224	%		07/29/21 11:40	07/30/21 00:13	
CBD	< LOQ	0.0159	%		07/29/21 11:40	07/30/21 00:13	
CBDA	< LOQ	0.0220	%		07/29/21 11:40	07/30/21 00:13	
CBDV	< LOQ	0.0154	%		07/29/21 11:40	07/30/21 00:13	
CBDVA	< LOQ	0.0212	%		07/29/21 11:40	07/30/21 00:13	
CBN	< LOQ	0.0138	%		07/29/21 11:40	07/30/21 00:13	
CBG	< LOQ	0.0161	%		07/29/21 11:40	07/30/21 00:13	
CBGA	< LOQ	0.0213	%		07/29/21 11:40	07/30/21 00:13	
CBC	< LOQ	0.0202	%		07/29/21 11:40	07/30/21 00:13	

Reference(2131046-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	96.9	0.0153	%	80-120	07/29/21 11:40	07/30/21 00:36	
CBD	106	0.0159	%	80-120	07/29/21 11:40	07/30/21 00:36	



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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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