



### Muscle Joint and Nerve Salve

Sample ID: G3J0249-05 Matrix: Hemp Products

Test ID: 5023443

Source ID:

Date Sampled: 10/17/23 Date Accepted: 10/17/23

**Flora Sophia Botanicals, LLC**  
joannaf@florasophiabotanicals.com

#### Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.0993 %	0.1013 %	0.0973 %	4.03 % PASS
Total CBD:	4.352 %	4.197 %	4.507 %	7.12 % PASS



**ISO 17025  
ACCREDITED  
LABORATORY**

Eric Wendt  
Chief Science Officer - 10/23/2023

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### Potency Analysis

Date/Time Extracted: 10/19/23 10:48

Analysis Method/SOP: 215

Batch Identification: 2342068

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	1.013		
Total CBD	0.0025	41.97		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	1.013		
delta 8-THC	0.0384	< LOQ		
THCV	0.0300	< LOQ		
THCVA	0.0448	< LOQ		
CBD	0.0025	41.97		
CBDA	0.0025	< LOQ		
CBDV	0.0308	0.331		
CBDVA	0.0423	< LOQ		
CBN	0.0277	< LOQ		
CBG	0.0322	0.881		
CBGA	0.0427	< LOQ		
CBC	0.0404	1.303		

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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### Quality Control Potency

#### Batch: 2342068 - 215-Products

Blank(2342068-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		10/19/23 10:48	10/19/23 17:05	
delta 9-THC	< LOQ	0.0039	%		10/19/23 10:48	10/19/23 17:05	
delta 8-THC	< LOQ	0.1514	%		10/19/23 10:48	10/19/23 17:05	
THCV	< LOQ	0.1181	%		10/19/23 10:48	10/19/23 17:05	
THCVA	< LOQ	0.1768	%		10/19/23 10:48	10/19/23 17:05	
CBD	< LOQ	0.0039	%		10/19/23 10:48	10/19/23 17:05	
CBDA	< LOQ	0.0039	%		10/19/23 10:48	10/19/23 17:05	
CBDV	< LOQ	0.1216	%		10/19/23 10:48	10/19/23 17:05	
CBDVA	< LOQ	0.1670	%		10/19/23 10:48	10/19/23 17:05	
CBN	< LOQ	0.1092	%		10/19/23 10:48	10/19/23 17:05	
CBG	< LOQ	0.1270	%		10/19/23 10:48	10/19/23 17:05	
CBGA	< LOQ	0.1683	%		10/19/23 10:48	10/19/23 17:05	
CBC	< LOQ	0.1593	%		10/19/23 10:48	10/19/23 17:05	

Reference(2342068-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0254	%	90-110	10/19/23 10:48	10/19/23 17:28	
delta 9-THC	106	0.0254	%	90-110	10/19/23 10:48	10/19/23 17:28	
delta 8-THC	95.5	0.9768	%	90-110	10/19/23 10:48	10/19/23 17:28	
CBD	98.7	0.0254	%	90-110	10/19/23 10:48	10/19/23 17:28	
CBDA	100	0.0254	%	90-110	10/19/23 10:48	10/19/23 17:28	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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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