



Certificate of Analysis

Customer Information

Client: Steding and Sons Mercantile
Attention: (737) 895-2303
Address: 1501 Panther Loop #7A
Pflugerville, TX 78660

Testing Facility

Lab: Cora Science, LLC
Address 8000 Anderson Square, STE 113
Austin, Texas 78757
Contact: info@corascience.com
(512) 856-5007

Sample Image(s)



Sample Information

Name: Electric Fresh Mit Mints
Lot Number: SSEF00100
Description: Powdered botanical extract
Condition: Good
Job ID: ISO04650
Sample ID: I12737
Received: 06AUG2025
Completed: 15AUG2025
Issued: 15AUG2025

Test Results

Microbiological Examination

Method Code: T005

Tested: 07AUG2025 | 1209

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Total Yeast and Mold	NMT 100,000 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Gram Negative Bile Tolerant	NMT 10,000 MPN/g	<10	MPN/g	10 MPN/g	PASS
Salmonella spp.	Not Detected in 100 g	Not Detected	N/A	1 CFU/100g	PASS
Escherichia coli	Not Detected in 100 g	Not Detected	N/A	1 CFU/100g	PASS

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 15AUG2025 | 0153

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	13.9	mg/unit	0.0073	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.0073	N/A
Paynantheine	Report Results	0.0834	mg/unit	0.0073	N/A
Speciogynine	Report Results	0.0356	mg/unit	0.0073	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.0073	N/A
Total Mitragyna Alkaloids	Report Results	14.0	mg/unit	0.0073	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 15AUG2025 | 0153

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	5.25	w/w%	0.0027	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.0027	N/A
Paynantheine	Report Results	0.0315	w/w%	0.0027	N/A
Speciogynine	Report Results	0.0134	w/w%	0.0027	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.0027	N/A
Total Mitragyna Alkaloids	Report Results	5.29	w/w%	0.0027	N/A

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.

Additional Report Notes

N/A

Revision History

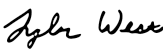
rev 00 - Initial release.
rev 01 - Added T102 results.

Abbreviations

ID: identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **w/w%:** weight by weight percent, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **<LOQ:** below limit of quantitation, **NMT:** no more than, **NLT:** no less than, **UHPLC:** ultra-high performance liquid chromatography, **GC:** gas chromatography, **DAD:** diode array detection/detector, **MS:** mass spectroscopy/spectrometer, **ICP:** inductively coupled plasma, **ISO:** International Organization for Standardization, **USP:** United States Pharmacopeia

Authorization

This report has been authorized for release from Cora Science by:

Signature:		Position:	Laboratory Director
		Department:	Management
Name:	Tyler West	Date:	15AUG2025