

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: Great White
Lot Number: GW151927
Description: Finely ground plant material
Condition: Good
Job ID: ISO04363
Sample ID: I11814
Received: 01JUL2025
Completed: 09JUL2025
Issued: 09JUL2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)Method Code: T102Tested: 09JUL2025 | 0210

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.51	w/w%	0.0028	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.0028	N/A
Paynantheine	Report Results	0.289	w/w%	0.0028	N/A
Speciogynine	Report Results	0.215	w/w%	0.0028	N/A
Speciociliatine	Report Results	0.353	w/w%	0.0028	N/A
Total Mitragyna Alkaloids	Report Results	2.37	w/w%	0.0028	N/A

Elemental Impurities (ICP-MS)Method Code: T301Tested: 08JUL2025 | 1503

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.152	ug/g	0.006	PASS
Cadmium	NMT 0.82	0.045	ug/g	0.002	PASS
Mercury	NMT 0.40	0.013	ug/g	0.002	PASS
Lead	NMT 1.20	0.816	ug/g	0.002	PASS

Microbiological ExaminationMethod Code: T005Tested: 07JUL2025 | 1811

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	1,750	CFU/g	20 CFU/g	PASS
Total Yeast and Mold	NMT 100,000 CFU/g	40	CFU/g	20 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

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

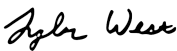
rev 00 - Initial release.

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:	09JUL2025