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:	SuperFit
Lot Number:	SSSF00100
Description:	Ready-to-drink botanical infused beverage
Condition:	Good
Job ID:	ISO04650
Sample ID:	I12735
Received:	06AUG2025
Completed:	15AUG2025
Issued:	18AUG2025

Test Results

Caffeine (UHPLC-DAD) **Method Code: T126** **Tested: 11AUG2025 | 2026**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Caffeine	Report Results	163	mg/unit	4.643	N/A

Caffeine (UHPLC-DAD) **Method Code: T126** **Tested: 11AUG2025 | 2026**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Caffeine	Report Results	0.046	w/w%	0.0013	N/A

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 | 0732**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	39.9	mg/unit	0.14	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.14	N/A
Paynantheine	Report Results	0.228	mg/unit	0.14	N/A
Speciogynine	Report Results	<LOQ	mg/unit	0.14	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.14	N/A
Total Mitragyna Alkaloids	Report Results	40.2	mg/unit	0.14	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 15AUG2025 | 0732**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.0112	w/w%	0.00004	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.00004	N/A
Paynantheine	Report Results	0.000064	w/w%	0.00004	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.00004	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.00004	N/A
Total Mitragyna Alkaloids	Report Results	0.0112	w/w%	0.00004	N/A

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 15AUG2025 | 1653**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	<LOQ	ug/g	0.006	PASS
Cadmium	NMT 0.82	<LOQ	ug/g	0.002	PASS
Mercury	NMT 0.40	0.018	ug/g	0.002	PASS
Lead	NMT 1.20	0.004	ug/g	0.002	PASS

Additional Report Notes

T126 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.007 g/mL and package specified fill volume of 355.0 mL.

Revision History

rev 00 - Initial release.
rev 01 - Added T102 results.
rev 02 - Added T301 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: Tyler West
Name: Tyler West
Position: Laboratory Director
Department: Management
Date: 18AUG2025