



# Certificate of Analysis

## Customer Information

**Client:** Black Sheep Kratom  
**Attention:** (512) 551-0345  
**Address:** 9501-B Menchaca Rd. , Suite 200  
 Austin, TX 78748

## 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:** Black Sheep Kratom Tiger's Blood  
**Lot Number:** 010826  
**Description:** Liquid botanical extract  
**Condition:** Good  
**Job ID:** ISO05921  
**Sample ID:** I16474  
**Received:** 09JAN2026  
**Completed:** 12JAN2026  
**Issued:** 13JAN2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 11JAN2026 | 0106

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	11.1	mg/mL	0.046	N/A
7-Hydroxymitragynine	Report Results	0.0222	mg/mL	0.0061	N/A
Paynantheine	Report Results	1.43	mg/mL	0.046	N/A
Speciogynine	Report Results	0.947	mg/mL	0.046	N/A
Speciociliatine	Report Results	1.23	mg/mL	0.046	N/A
Total Mitragyna Alkaloids	Report Results	14.8	mg/mL	0.046	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 11JAN2026 | 0106

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.06	w/w%	0.0044	N/A
7-Hydroxymitragynine	Report Results	0.00211	w/w%	0.00058	N/A
Paynantheine	Report Results	0.136	w/w%	0.0044	N/A
Speciogynine	Report Results	0.0900	w/w%	0.0044	N/A
Speciociliatine	Report Results	0.117	w/w%	0.0044	N/A
Total Mitragyna Alkaloids	Report Results	1.40	w/w%	0.0044	N/A

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 12JAN2026 | 0944

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.50	0.019	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.006	ug/g	0.002	PASS
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS
Lead	NMT 0.50	0.032	ug/g	0.002	PASS

## Microbiological Examination

Method Code: T005

Tested: 09JAN2026 | 1628

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000 CFU/g	70	CFU/g	10 CFU/g	PASS
Total Yeast and Mold	NMT 1,000 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Total Coliforms	NMT 100 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU/25g	PASS
Salmonella spp.	Not Detected in 25 g	Not Detected	N/A	1 CFU/25g	PASS

## Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.052 g/mL.

## Revision History

rev 00 - Initial release.

rev 01 - Updated company information per client request.

## 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*

**Position:**

Laboratory Director

**Name:**

Tyler West

**Department:**

Management

**Date:**

13JAN2026