



# 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 550mg  
**Lot Number:** 01192026  
**Description:** Liquid botanical extract  
**Condition:** Good  
**Job ID:** ISO06038  
**Sample ID:** I16871  
**Received:** 21JAN2026  
**Completed:** 23JAN2026  
**Issued:** 23JAN2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 23JAN2026 | 1151

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.57	w/w%	0.0043	N/A
7-Hydroxymitragynine	Report Results	0.00561	w/w%	0.0012	N/A
Paynantheine	Report Results	0.213	w/w%	0.0043	N/A
Speciogynine	Report Results	0.138	w/w%	0.0043	N/A
Speciociliatine	Report Results	0.184	w/w%	0.0043	N/A
Total Mitragyna Alkaloids	Report Results	2.11	w/w%	0.0043	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 23JAN2026 | 1151

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	501	mg/unit	1.37	N/A
7-Hydroxymitragynine	Report Results	1.79	mg/unit	0.37	N/A
Paynantheine	Report Results	68.0	mg/unit	1.37	N/A
Speciogynine	Report Results	43.9	mg/unit	1.37	N/A
Speciociliatine	Report Results	58.6	mg/unit	1.37	N/A
Total Mitragyna Alkaloids	Report Results	673	mg/unit	1.37	N/A

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 22JAN2026 | 1152

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.50	<LOQ	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.003	ug/g	0.002	PASS
Mercury	NMT 0.20	0.004	ug/g	0.002	PASS
Lead	NMT 0.50	0.005	ug/g	0.002	PASS

Work Order: ISO06038   Sample: I16871		Received: 21JAN2026   Issued: 23JAN2026		Revision: 01   Page 2	
Microbiological Examination		Method Code: T005		Tested: 21JAN2026   1700	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000 CFU/g	<LOQ	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/10g	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/unit using a laboratory measured density of 1.062 g/mL and a package specified fill volume of 30.0 mL.

## Revision History

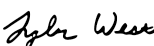
- rev 00 - Initial release.
- rev 01 - Updated company information per client request.

## 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:		Position:	Laboratory Director
Name:	Tyler West	Department:	Management
		Date:	23JAN2026