



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

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:*Tyler West***Name:**

Tyler West

Position:

Laboratory Director

Department:

Management

Date:

23JAN2026