



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 Orange Creamsicle
Lot Number: 010826
Description: Liquid botanical extract
Condition: Good
Job ID: ISO05921
Sample ID: I16475
Received: 09JAN2026
Completed: 12JAN2026
Issued: 13JAN2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 11JAN2026 0201		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	11.4	mg/mL	0.046	N/A	
7-Hydroxymitragynine	Report Results	0.0178	mg/mL	0.0061	N/A	
Paynantheine	Report Results	1.49	mg/mL	0.046	N/A	
Speciogynine	Report Results	0.969	mg/mL	0.046	N/A	
Speciociliatine	Report Results	0.707	mg/mL	0.046	N/A	
Total Mitragyna Alkaloids	Report Results	14.6	mg/mL	0.046	N/A	

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 11JAN2026 0201		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	1.08	w/w%	0.0043	N/A	
7-Hydroxymitragynine	Report Results	0.00170	w/w%	0.00058	N/A	
Paynantheine	Report Results	0.142	w/w%	0.0043	N/A	
Speciogynine	Report Results	0.0922	w/w%	0.0043	N/A	
Speciociliatine	Report Results	0.0673	w/w%	0.0043	N/A	
Total Mitragyna Alkaloids	Report Results	1.39	w/w%	0.0043	N/A	

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 12JAN2026 0954		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Arsenic	NMT 1.50	0.018	ug/g	0.006	PASS	
Cadmium	NMT 0.50	0.011	ug/g	0.002	PASS	
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS	
Lead	NMT 0.50	0.040	ug/g	0.002	PASS	

Work Order: ISO05921 Sample: I16475		Received: 09JAN2026 Issued: 13JAN2026		Revision: 01 Page 2	
Microbiological Examination		Method Code: T005		Tested: 09JAN2026 1628	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000 CFU/g	40	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 1.051 g/mL.

Revision History

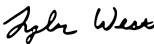
- rev 00 - Initial release.
- rev 01 - Updated company information per client request.

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:		Position:	Laboratory Director
Name:	Tyler West	Department:	Management
		Date:	13JAN2026