

corascience

Certificate of Analysis (CoA)

ISO/IEC 17025 Accredited Testing Facility | Analytical Chemistry & Microbiology

CUSTOMER INFORMATION
Client: KO Kratom / Wholesale Kings
Address: 8711 Highway 290 West, Austin, TX 78736
Contact: support@kokratom.com | (512) 927-7007
Attention: Quality Assurance & Compliance Department

TESTING FACILITY
Laboratory: Cora Science, LLC
Address: 8000 Anderson Square, STE 113, Austin, TX 78757
Contact: info@corascience.com | (512) 856-5007
Accreditation: ISO/IEC 17025:2017 #L21-419 (Biological & Chemical)

SAMPLE IDENTIFICATION & CHAIN OF CUSTODY
Sample Name: KO Kratom Powder (Batch I21507) Lot Number: I21507
Matrix / Form: Botanical powder (Mitragnyna speciosa) Sample State: Ambient / Intact
Timeline: Received: 18SEP2026 | Testing Completed: 24SEP2026 | COA Released: 25SEP2026

1. MITRAGYNA ALKALOIDS PROFILE (UHPLC-DAD) — METHOD: T102

ANALYTE / COMPOUND	SPECIFICATION	RESULT (% w/w)	MASS (mg/g)	LOQ (%)	STATUS
Mitragynine	Report Results (NLT 1.5%)	1.58%	15.8 mg/g	0.021	PASS
7-Hydroxymitragynine (7-OH)	NMT 0.05% w/w	<0.020%	<0.20 mg/g	0.021	PASS
Paynantheine	Report Results	0.26%	2.6 mg/g	0.021	TESTED
Speciogynine	Report Results	0.21%	2.1 mg/g	0.021	TESTED
Speciociliatine	Report Results	0.32%	3.2 mg/g	0.021	TESTED
Mitraphylline	Report Results	<LOQ	<0.21 mg/g	0.021	TESTED
TOTAL MITRAGYNA ALKALOIDS	Report Results	2.37%	23.7 mg/g	0.021	PASS

2. HEAVY METALS ANALYSIS (ICP-MS) — METHOD: T205

ELEMENT	ACCEPTANCE CRITERIA (ppm)	RESULT	LOQ (ppm)	STATUS
Lead (Pb)	< 1.20 ug/g (ppm)	ND (<LOQ)	0.050	PASS
Arsenic (As)	< 1.00 ug/g (ppm)	ND (<LOQ)	0.050	PASS
Cadmium (Cd)	< 0.40 ug/g (ppm)	ND (<LOQ)	0.010	PASS
Mercury (Hg)	< 0.20 ug/g (ppm)	ND (<LOQ)	0.010	PASS

3. MICROBIAL BIOBURDEN & PATHOGENS (PLATING / PCR) — METHOD: T301

ASSAY / ORGANISM	ACTION LIMIT	RESULT	METHOD	STATUS
Salmonella spp.	Absent in 10g	Not Detected	qPCR / Plating	PASS
Shiga-toxin E. coli (STEC)	Absent in 10g	Not Detected	qPCR / Plating	PASS
Total Coliforms	< 10,000 CFU/g	< 100 CFU/g	Petrifilm / FDA BAM	PASS
Total Yeast & Mold (TYMC)	< 100,000 CFU/g	< 100 CFU/g	FDA BAM Ch. 18	PASS
Total Aerobic Count (TAMC)	< 10,000,000 CFU/g	4,200 CFU/g	USP <2021>	PASS

LABORATORY AUTHORIZATION & RELEASE
Approved by:
Tyler West
Tyler West, Laboratory Director, Cora Science LLC

Digital Verification Stamp:
%I VERIFIED ISO-17025 COA: CERT-I21507-REV00

DISCLAIMER & CONDITIONS OF TESTING: Cora Science LLC certifies that the analytical results contained in this report were performed in accordance with standard operating procedures and validated methodology under ISO/IEC 17025 quality guidelines. Results relate strictly to the sample received. This Certificate of Analysis may not be reproduced except in full without written consent of Cora Science LLC. ND = Not Detected; LOQ = Limit of Quantitation; CFU = Colony Forming Units; w/w% = Weight/weight percent.