



# Certificate of Analysis

## Customer Information

**Client:** Kats Botanicals  
**Attention:** mike@katsbotanicals.com  
**Address:** 750 Hickory Industrial  
 Old Hickory, TN 37138

## 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:** KKE-RDR-127.5  
**Lot Number:** 671253  
**Description:** Blended botanical extract and plant material  
**Condition:** Good  
**Job ID:** ISO05594  
**Sample ID:** I15531  
**Received:** 21NOV2025  
**Completed:** 26NOV2025  
**Issued:** 28NOV2025

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 26NOV2025 | 1417

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	2.24	w/w%	0.0051	N/A
7-Hydroxymitragynine	Report Results	0.0133	w/w%	0.00068	N/A
Paynantheine	Report Results	0.371	w/w%	0.0051	N/A
Speciogynine	Report Results	0.279	w/w%	0.0051	N/A
Speciociliatine	Report Results	0.501	w/w%	0.0051	N/A
Total Mitragyna Alkaloids	Report Results	3.40	w/w%	0.0051	N/A

### Moisture Content

Method Code: T505

Tested: 25NOV2025 | 1127

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Moisture	Report Results	5.59	%	0.1	N/A

### 7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 26NOV2025 | 1417

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	141	ppm	7	PASS

## Additional Report Notes

T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102 results using the laboratory-measured moisture content by T505 for each sample:

$$DWB \text{ w/w\%} = (\text{as-received w/w\%}) \div (1 - \text{moisture\%/100}).$$

## Revision History

rev 00 - Initial release.

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## Abbreviations

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**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

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## Authorization

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This report has been authorized for release from Cora Science by:

<b>Signature:</b>		<b>Position:</b>	Laboratory Director
<b>Name:</b>	Tyler West	<b>Department:</b>	Management
		<b>Date:</b>	28NOV2025