

# Certificate of Analysis



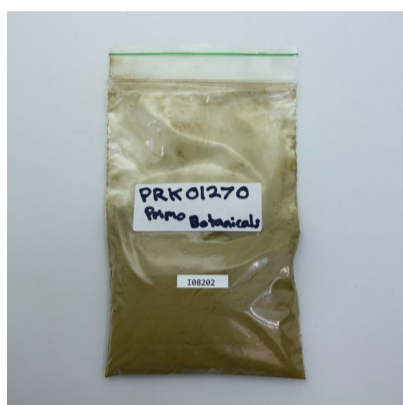
## Customer Information

**Client:** Primo Botanicals LLC  
**Attention:**  
**Address:** 12094 Anderson Road #117  
 Tampa, FL 33625

## 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:** Premium Red Kratom  
**Lot Number:** PRK01270  
**Description:** Finely ground plant material  
**Condition:** Good  
**Job ID:** ISO03211  
**Sample ID:** I08202  
**Received:** 28JAN2025  
**Completed:** 31JAN2025  
**Issued:** 31JAN2025

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 31JAN2025 | 0749

| PARAMETER                 | SPECIFICATION  | RESULT | UNIT | LOQ   | NOTES |
|---------------------------|----------------|--------|------|-------|-------|
| Mitragynine               | Report Results | 1.22   | w/w% | 0.010 | N/A   |
| 7-Hydroxymitragynine      | Report Results | <LOQ   | w/w% | 0.003 | N/A   |
| Paynantheine              | Report Results | 0.226  | w/w% | 0.010 | N/A   |
| Speciogynine              | Report Results | 0.184  | w/w% | 0.010 | N/A   |
| Speciociliatine           | Report Results | 0.344  | w/w% | 0.010 | N/A   |
| Total Mitragyna Alkaloids | Report Results | 1.97   | w/w% | 0.010 | N/A   |

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 31JAN2025 | 1416

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ   | NOTES |
|-----------|---------------|--------|------|-------|-------|
| Arsenic   | NMT 2.00      | 0.235  | ug/g | 0.006 | PASS  |
| Cadmium   | NMT 0.50      | 0.015  | ug/g | 0.002 | PASS  |
| Mercury   | NMT 0.20      | 0.011  | ug/g | 0.002 | PASS  |
| Lead      | NMT 5.00      | 0.788  | ug/g | 0.002 | PASS  |

### Microbiological Examination

Method Code: T005

Tested: 28JAN2025 | 1801

| PARAMETER                 | SPECIFICATION        | RESULT       | UNIT  | LOQ          | NOTES |
|---------------------------|----------------------|--------------|-------|--------------|-------|
| Total Aerobic Plate Count | 10,000,000 CFU / g   | 1,647        | CFU/g | 20 CFU / g   | PASS  |
| Total Yeast and Mold      | 100,000 CFU / g      | 160          | CFU/g | 20 CFU / g   | PASS  |
| Total Coliforms           | 10,000 CFU / g       | Not Detected | CFU/g | 20 CFU / g   | PASS  |
| Escherichia coli          | Not Detected in 10 g | Not Detected | N/A   | 1 CFU / 10 g | PASS  |
| Salmonella                | Not Detected in 25 g | Not Detected | N/A   | 1 CFU / 25 g | PASS  |

## Additional Report Notes

---

N/A

---

## Revision History

---

rev 00 - Initial release.

---

## 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

**Department:**

Management

**Name:**

Tyler West

**Date:**

31JAN2025