

Customer Information

**Client:** Blue Deer Nutraceuticals Inc.  
**Attention:** (214) 554-7649  
**Address:** 8516 Westfield Dr  
Dallas, TX 75243

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:** Kshot Focus  
**Lot Number:** 061124kf-02  
**Description:** Ready-to-drink botanical infused beverage  
**Condition:** Good  
**Job ID:** ISO02510  
**Sample ID:** I06100  
**Received:** 13SEP2024  
**Completed:** 18SEP2024  
**Issued:** 19SEP2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 15SEP2024 | 1615

| PARAMETER            | SPECIFICATION  | RESULT | UNIT    | LOQ  | NOTES |
|----------------------|----------------|--------|---------|------|-------|
| Mitragynine          | Report Results | 63.4   | mg/unit | 1.75 | N/A   |
| 7-Hydroxymitragynine | Report Results | <LOQ   | mg/unit | 0.47 | N/A   |
| Paynantheine         | Report Results | 7.83   | mg/unit | 1.75 | N/A   |
| Speciogynine         | Report Results | 5.36   | mg/unit | 1.75 | N/A   |

|                           |                |              |         |      |     |
|---------------------------|----------------|--------------|---------|------|-----|
| 2/24/25, 2:27 PM          |                | Cora Science |         |      |     |
| Speciociliatine           | Report Results | 3.74         | mg/unit | 1.75 | N/A |
| Total Mitragyna Alkaloids | Report Results | 80.3         | mg/unit | 1.75 | N/A |

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 15SEP2024 | 1615

| PARAMETER                 | SPECIFICATION  | RESULT | UNIT | LOQ   | NOTES |
|---------------------------|----------------|--------|------|-------|-------|
| Mitragynine               | Report Results | 0.104  | w/w% | 0.003 | N/A   |
| 7-Hydroxymitragynine      | Report Results | <LOQ   | w/w% | 0.001 | N/A   |
| Paynantheine              | Report Results | 0.013  | w/w% | 0.003 | N/A   |
| Speciogynine              | Report Results | 0.009  | w/w% | 0.003 | N/A   |
| Speciociliatine           | Report Results | 0.006  | w/w% | 0.003 | N/A   |
| Total Mitragyna Alkaloids | Report Results | 0.131  | w/w% | 0.003 | N/A   |

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 17SEP2024 | 1524

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ    | NOTES |
|-----------|---------------|--------|------|--------|-------|
| Arsenic   | NMT 1.0       | <LOQ   | ug/g | 0.0060 | PASS  |
| Cadmium   | NMT 1.0       | <LOQ   | ug/g | 0.0020 | PASS  |
| Lead      | NMT 1.0       | <LOQ   | ug/g | 0.0020 | PASS  |
| Mercury   | NMT 1.0       | <LOQ   | ug/g | 0.0020 | PASS  |

Microbiological Examination

Method Code: T005

Tested: 16SEP2024 | 1635

| PARAMETER                 | SPECIFICATION        | RESULT       | UNIT  | LOQ          | NOTES |
|---------------------------|----------------------|--------------|-------|--------------|-------|
| Total Aerobic Plate Count | 10,000,000 CFU / g   | Not Detected | CFU/g | 10 CFU / g   | PASS  |
| Total Yeast and Mold      | 100,000 CFU / g      | Not Detected | CFU/g | 10 CFU / g   | PASS  |
| Total Coliforms           | 100,000 CFU / g      | Not Detected | CFU/g | 10 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  |
| Staphylococcus            | Not Detected in 10 g | Not Detected | N/A   | 1 CFU / 10 g | PASS  |

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.020 g/mL and package specified fill volume of 60.0 mL.

## Revision History

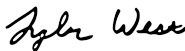
rev 00 - Initial release.

## 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:

|                   |                                                                                     |                    |                     |
|-------------------|-------------------------------------------------------------------------------------|--------------------|---------------------|
| <b>Signature:</b> |  | <b>Position:</b>   | Laboratory Director |
|                   |                                                                                     | <b>Department:</b> | Management          |
| <b>Name:</b>      | Tyler West                                                                          | <b>Date:</b>       | 19SEP2024           |