



# Certificate of Analysis

## Customer Information

**Client:** Lazaros LLC  
**Attention:** info@lunayum.com  
**Address:** 204 W Spear St., Unit 4238  
Carson City, NV 89703

## Testing Facility

**Lab:** Cora Science, LLC  
**Address** 8000 Anderson Square, STE 113  
Austin, Texas 78757  
**Contact:** info@corascience.com  
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## Sample Image(s)



## Sample Information

**Name:** Bubble Gum YUM BC01-0045  
**Lot Number:** BC01-0045  
**Description:** Liquid botanical extract  
**Condition:** Good  
**Job ID:** ISO07470  
**Sample ID:** I20892  
**Received:** 24JUN2026  
**Completed:** 26JUN2026  
**Issued:** 30JUN2026

## Test Results

| Microbial Examination     |                      | Method Code: T005 |       | Tested: 26JUN2026   1524 |       |  |
|---------------------------|----------------------|-------------------|-------|--------------------------|-------|--|
| PARAMETER                 | SPECIFICATION        | RESULT            | UNIT  | LOQ                      | NOTES |  |
| Total Aerobic Plate Count | NMT 10,000 CFU/g     | 70                | 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/10g                | PASS  |  |
| Salmonella spp.           | Not Detected in 10 g | Not Detected      | N/A   | 1 CFU/10g                | PASS  |  |

| Mitragyna Alkaloids (UHPLC-DAD) |                | Method Code: T102 |         | Tested: 26JUN2026   0144 |       |  |
|---------------------------------|----------------|-------------------|---------|--------------------------|-------|--|
| PARAMETER                       | SPECIFICATION  | RESULT            | UNIT    | LOQ                      | NOTES |  |
| Mitragynine                     | Report Results | 266               | mg/unit | 0.33                     | N/A   |  |
| 7-Hydroxymitragynine            | Report Results | <LOQ              | mg/unit | 0.33                     | N/A   |  |
| Mitragynine Pseudoindoxyl       | Report Results | <LOQ              | mg/unit | 0.33                     | N/A   |  |
| Mitraciliatine                  | Report Results | <LOQ              | mg/unit | 0.33                     | N/A   |  |
| Speciociliatine                 | Report Results | 0.420             | mg/unit | 0.33                     | N/A   |  |
| Speciogynine                    | Report Results | 3.85              | mg/unit | 0.33                     | N/A   |  |
| Paynantheine                    | Report Results | 5.57              | mg/unit | 0.33                     | N/A   |  |
| Coryantheidine                  | Report Results | 2.73              | mg/unit | 0.33                     | N/A   |  |
| Corynoxine                      | Report Results | <LOQ              | mg/unit | 0.33                     | N/A   |  |
| Isorhynchophylline              | Report Results | <LOQ              | mg/unit | 0.33                     | N/A   |  |
| Mitraphylline                   | Report Results | <LOQ              | mg/unit | 0.33                     | N/A   |  |
| Total Mitragyna Alkaloids       | Report Results | 279               | mg/unit | 0.33                     | N/A   |  |

| Mitragyna Alkaloids (UHPLC-DAD) |  | Method Code: T102 |  | Tested: 26JUN2026   0144 |  |  |
|---------------------------------|--|-------------------|--|--------------------------|--|--|
|---------------------------------|--|-------------------|--|--------------------------|--|--|

| PARAMETER                 | SPECIFICATION  | RESULT  | UNIT | LOQ     | NOTES |
|---------------------------|----------------|---------|------|---------|-------|
| Mitragynine               | Report Results | 0.785   | w/w% | 0.00097 | N/A   |
| 7-Hydroxymitragynine      | Report Results | <LOQ    | w/w% | 0.00097 | N/A   |
| Mitragynine Pseudoindoxyl | Report Results | <LOQ    | w/w% | 0.00097 | N/A   |
| Mitraciliatine            | Report Results | <LOQ    | w/w% | 0.00097 | N/A   |
| Speciociliatine           | Report Results | 0.00124 | w/w% | 0.00097 | N/A   |
| Speciogynine              | Report Results | 0.0114  | w/w% | 0.00097 | N/A   |
| Paynantheine              | Report Results | 0.0164  | w/w% | 0.00097 | N/A   |
| Coryantheidine            | Report Results | 0.00806 | w/w% | 0.00097 | N/A   |
| Corynoxine                | Report Results | <LOQ    | w/w% | 0.00097 | N/A   |
| Isorhynchophylline        | Report Results | <LOQ    | w/w% | 0.00097 | N/A   |
| Mitraphylline             | Report Results | <LOQ    | w/w% | 0.00097 | N/A   |
| Total Mitragyna Alkaloids | Report Results | 0.822   | w/w% | 0.00097 | N/A   |

| Elemental Impurities (ICP-MS) |               | Method Code: T301 |      | Tested: 25JUN2026   0913 |       |
|-------------------------------|---------------|-------------------|------|--------------------------|-------|
| PARAMETER                     | SPECIFICATION | RESULT            | UNIT | LOQ                      | NOTES |
| Arsenic                       | NMT 1.50      | <LOQ              | ug/g | 0.006                    | PASS  |
| Cadmium                       | NMT 0.50      | <LOQ              | ug/g | 0.002                    | PASS  |
| Mercury                       | NMT 0.20      | <LOQ              | ug/g | 0.002                    | PASS  |
| Lead                          | NMT 0.50      | 0.004             | ug/g | 0.002                    | PASS  |

| Unit Weight Analysis (Gravimetric) |                | Method Code: T503 |      | Tested: 25JUN2026   1432 |       |
|------------------------------------|----------------|-------------------|------|--------------------------|-------|
| PARAMETER                          | SPECIFICATION  | RESULT            | UNIT | RANGE                    | NOTES |
| Density                            | Report Results | 1.130             | g/mL | 0.5-1.5                  | N/A   |

## Additional Report Notes

T102E result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density and package specified fill volume.

## Revision History

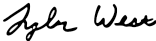
Report ID: a4282545-be12-4b4b-851d-93a444b15dd6  
rev 00 - Initial release.

## 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:       | 30JUN2026           |