



Analytical Resource Laboratories

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## Certificate of Analysis

### Client Information

Golden Rule Botanicals  
725 W. Indian School Road Ste 130  
Phoenix, AZ  
85013 USA  
480-208-0152

### Sample Information

ARL ID: 613470  
Date Received: 7/1/2022  
PO#: 2022-24MIT  
Description: WB  
Lot#: 24

| Analysis              | Method     | †MDL / LOQ | Specification | Results | UOM | Lab ID |
|-----------------------|------------|------------|---------------|---------|-----|--------|
| Mitragynine Package   | HPLC 2.046 |            |               |         |     | 1      |
| Mitragynine           | HPLC 2.046 | 0.04       | Record Only   | 1.10    | %   | 1      |
| 7-Hydroxy-Mitragynine | HPLC 2.046 | 0.04       | Record Only   | <0.04   | %   | 1      |

Form# arlcoa031201a

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Released by: Spencer Ashby

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†**Method Detection Limit (MDL)**: In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None detected", it means any visible growth was below this limit. **Limit of Quantitation (LOQ)**: In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

\* Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.

This Certificate of Analysis represents data only for the sample provided and does not constitute a guarantee of quality for the entire production lot.