

Gorilla Mind LLC

Certificate ID # : 1186469-1  
Report Date: 01-25-2024  
Customer PO # :  
Receipt Date:  
Sample Completion Date: 01-25-2024

### Analytical Testing Results

Lab Sample ID: S-20230803-0909  
Customer Lot # 23053126

Serving Size: 3.088 g  
Calculated Serving Size:

Description: GRM SIGMA Capsules (120 CAP)

Test Method Description	Analyte	Specification	Result	U/M	Completion Date
Quality By Input	Analyte	Report	Tongkat Ali Extract (root)(standardized to 1% Eurycomanone)	N/A	01-25-24
Quality By Input	Result By Input	Report	300	mg/Serv	01-25-24

**Laboratory Comments:**

\*Blending batch record provided by client and reviewed by Dyad Labs. Manufactured Date (provided by client): 06/2023 Expiration Date (provided by client): 06/2025

Reviewed By:                     Saige Behrends                    

Approved By: 

Date:                     01-25-2024                    

Edgar Grigorian, Laboratory Director  
On Behalf of Dyad Labs

**Laboratory Notes:**

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\* - ISO/IEC 17025:2017 Accredited Test

# CERTIFICATE OF ANALYSIS

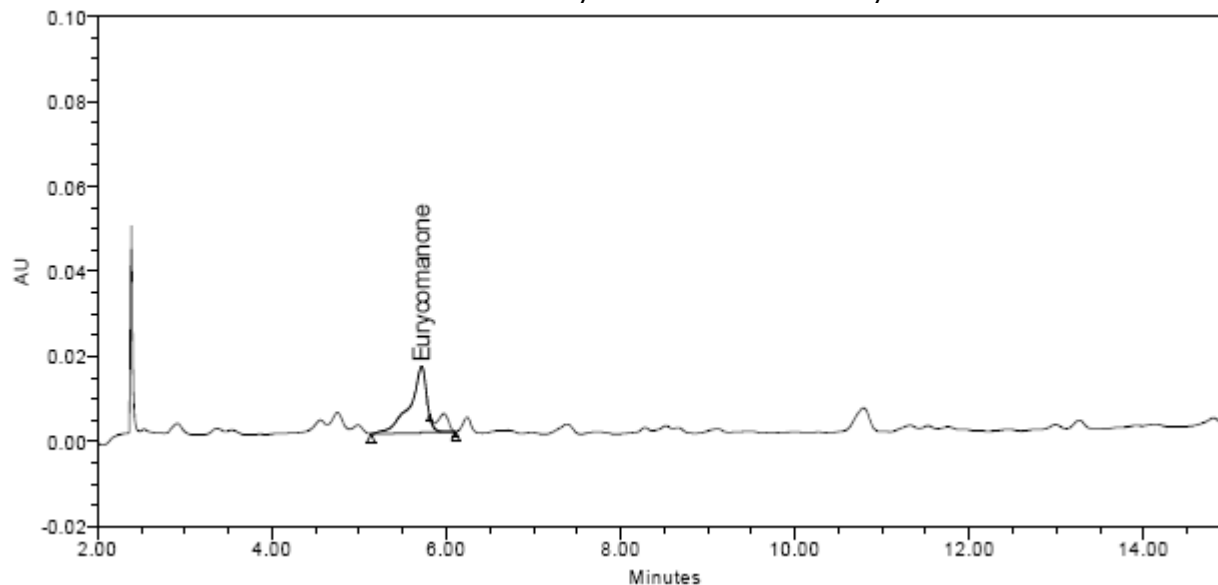


12661 HOOVER STREET GARDEN GROVE, CA 92841 | P. 714-754-4372 | F. 714-668-9972 | WWW.ALKEMIST.COM

**Report Issued To:** Gorilla Mind, LLC  
391 N Ancestor Place ; Suite 150  
Boise ID 83704-0525  
USA

**Sample Name:** Tongkat Ali  
**Description:** Powdered extract; Powder  
**Lot #:** 22092410  
**AL #:** 23086HJN\_1  
**Analysis ID:** 197506  
**Received:** 03/27/23

## Determination of Eurycomanone Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Specification	Result
5.7	Eurycomanone	0.990	0.974	0.982	> 1%	Pass

### Chromatographic Conditions:

Method: ATM-815-0222  
Column: AP345 Luna 5 µm C18(2) 100 A (150 x 4.6 mm)  
Temperature: 40°C  
Flow Rate: 1 mL/min  
Injection Volume: 20 µL  
UV Detection: 254 nm  
Mobile Phase: 0.1% Formic Acid in Water  
Acetonitrile  
HPLC Instrument: Alliance\_1

### Sample Preparation:

Weighed 250 mg sample into 10 mL volumetric flask and added 7 mL of methanol. Vortexed for 30 seconds and sonicated for 15 minutes at room temperature. Let cool, filled to volume, and mixed by inversion. Diluted 1:25 in methanol. Filtered through 0.45 µm PTFE syringe filter.

### Report Summary:

Conclusion: This " Tongkat Ali " test sample contains an average 1% of Eurycomanone on the as is basis.  
OOS Reference: N/A  
Empower Reference: 09423 Eurycomanone

Analysis Date : 04/05/23

Analyzed By: C Decasiano

Authorized By: Diana Jimenez,  
Lead Analytical Chemist