

CERTIFICATE OF ANALYSIS

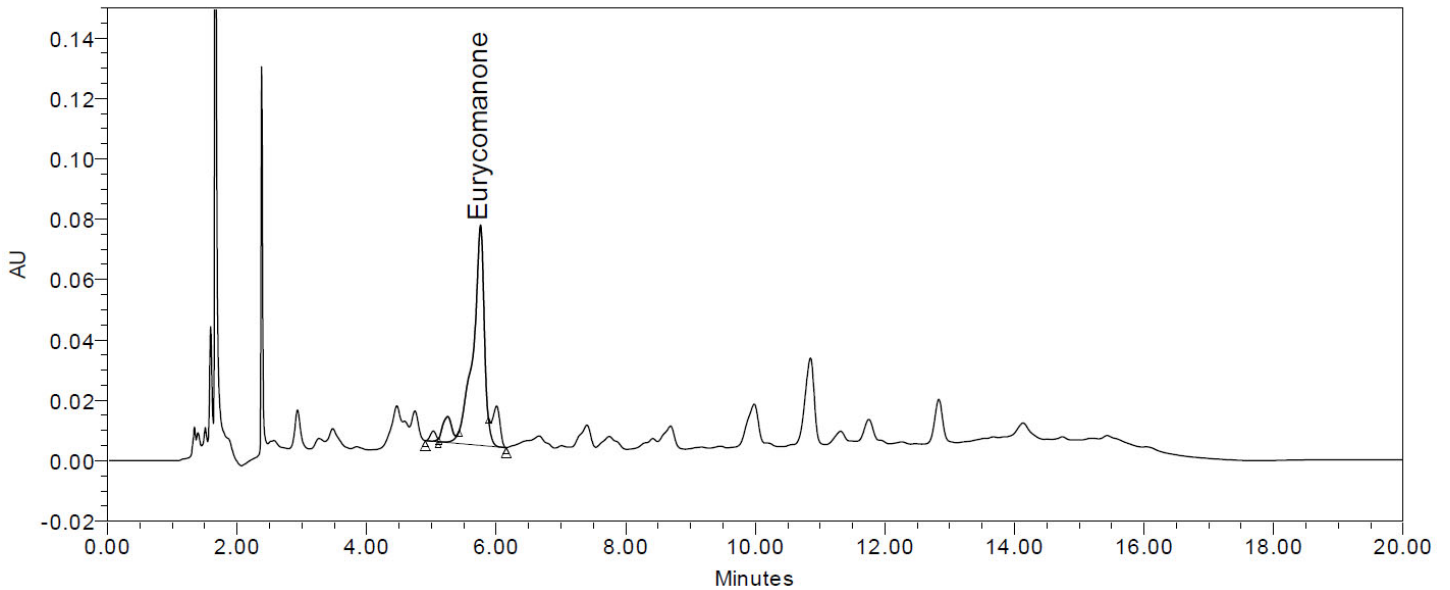


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Report Issued To: Lost Empire Herbs
8301 NW 101st Ter.
Kansas City MO 64153-2321
United States

Sample Name: Tongkat Ali
Description: Powdered extract; Fine sand colored powder
Lot #: BTKA07DEC23
AL #: 24022CSA_2
Analysis ID: 220106
Received: 01/22/24

Determination of Eurycomanone Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Specification	Result
5.8	Eurycomanone	0.984	1.003	0.993	Report Only	N/A

Chromatographic Conditions:

Method: ATM-815-0222
Column: AP392 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_3

Sample Preparation:

Mixed sample well. Transferred approximately 1000 mg of sample into a 25 mL volumetric flask. Added about 20 mL of methanol, vortexed 30 seconds, sonicated 30 minutes at room temperature. Let cool and filled to volume with methanol. Diluted 1:10 in methanol. Filtered through 0.45 µm PTFE syringe filter into HPLC vial for analysis.

Report Summary:

Conclusion: This "Tongkat Ali" test sample contains an average 1.0% of Eurycomanone on the as-is basis.
OOS Reference: N/A
Empower File: 02624 Eurycomanone

Analysis Date : 01/29/24

Analyzed By: D Jimenez

Authorized By: Celine Decasiano,
Analytical Chemistry Supervisor

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