

CERTIFICATE OF ANALYSIS

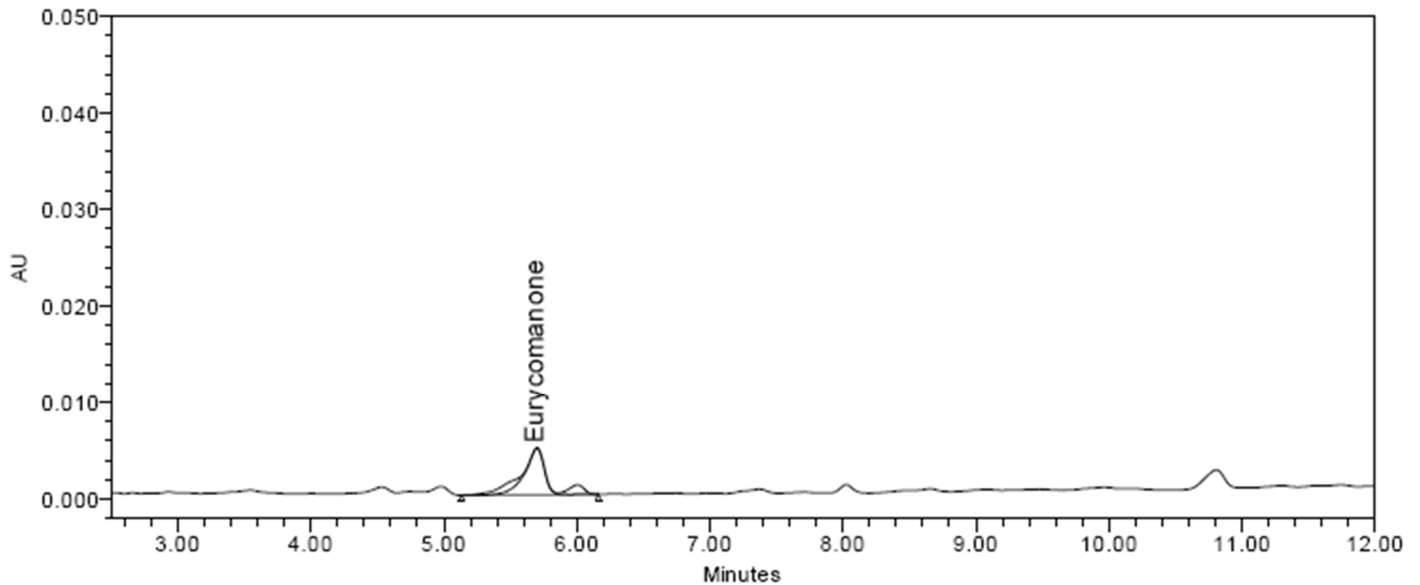


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Report Issued To: Lost Empire Herbs
8301 NW 101st Ter.
Kansas City MO 64153-2321
United States

Sample Name: Tongkat Ali
Description: Capsule powder; Black bottle, black cap
Lot #: 22799
AL #: 22250HQO_1
Analysis ID: 185431
Received: 09/07/22

Determination of Eurycomanone Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Average (mg/cap)	Specification	Result
5.7	Eurycomanone	0.0044	0.0028	0.0036	0.0168	Report Only	N/A

Chromatographic Conditions:

Method: ATM-815-0222
Column: AP286 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:

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. Filtered through 0.45 µm PTFE syringe filter.

Report Summary:

Conclusion: This "Tongkat Ali" test sample contains an average of 0.02 mg/cap Eurycomanone on the as is basis.
OOS Reference: N/A
Fill weight: 466.012 mg/capsule
WI Reference: 27022 Eurycomanone

Analysis Date : 09/28/22

Analyzed By: JM Lopez

Authorized By: Diana Jimenez,
Lead Analytical Chemist