

CERTIFICATE OF ANALYSIS

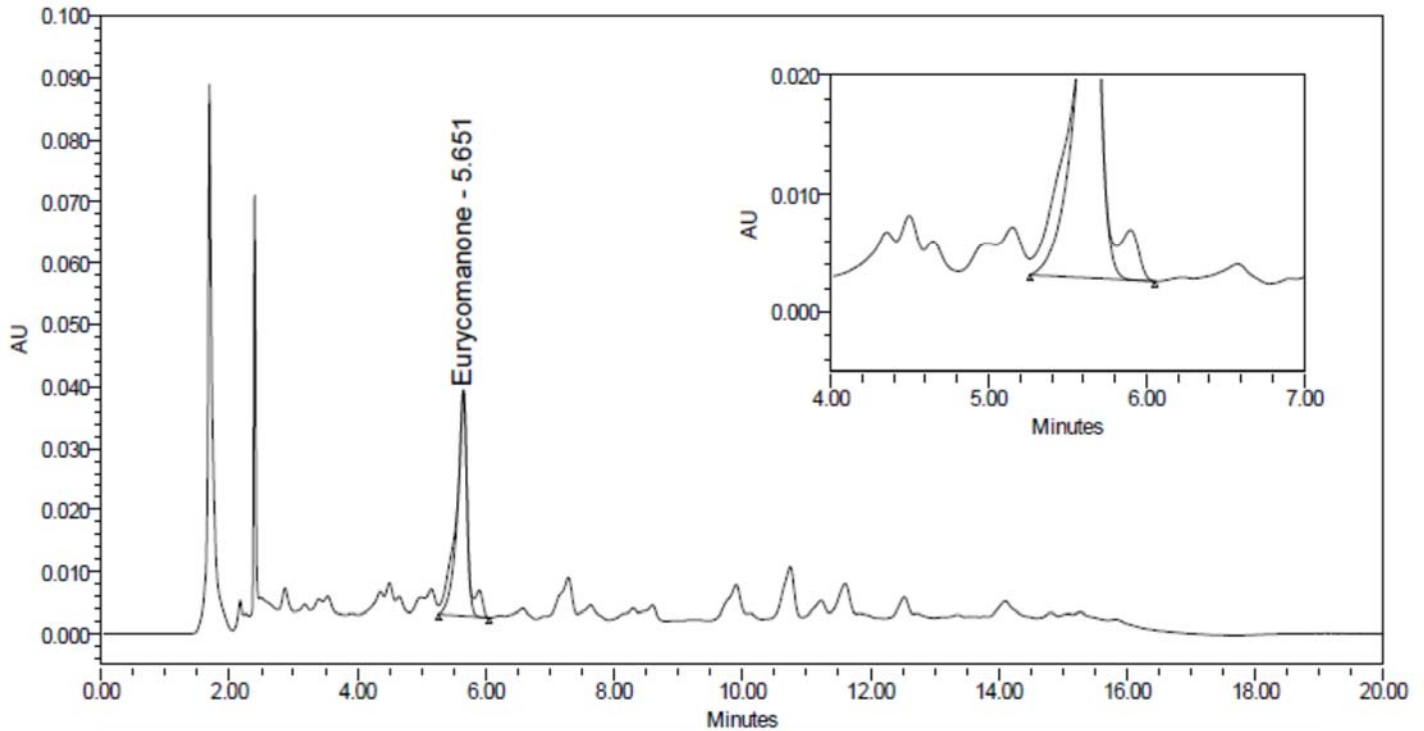


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Report Issued To: Lost Empire Herbs
2825 S. Rodeo Gulch Rd #12
Soquel CA 95073

Sample Name: Tongkat Ali
Description: Powdered extract; Powder in Light Sensitive Reclosable Plastic Bag
Lot #: TA1510
AL #: JAR32016SUP1_1
Analysis ID: 77998
Received: 11/15/16

Determination of Eurycomanone Content



Ret. Time (min)	Compound Name	Amount (%)	Target Specification	Result
5.7	Eurycomanone	0.881	1-2%	Pass

Chromatographic Conditions:

Method: ATM-815-0222
Column: AP168 Luna 5 μ C18 (2) (150 x 4.6 mm)
Temperature: 40°C
Flow Rate: 1 mL/min
Injection Volume: 20 μ L
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. Filled to volume with methanol and sonicated for 15 minutes at room temperature. Diluted 5:50 in methanol. Filtered through 0.45 μ m PTFE syringe filter into HPLC vial for analysis.

Report Summary:

Conclusion: This "Tongkat Ali" test sample contains 1% Eurycomanone.
OOS Reference: N/A
Notebook Reference: LC093 p. 113

Analysis Date : 12/06/16 Analyzed By: K Chopra

Authorized By: Holly E. Johnson, Ph.D.,
Laboratory Director