

CERTIFICATE OF ANALYSIS

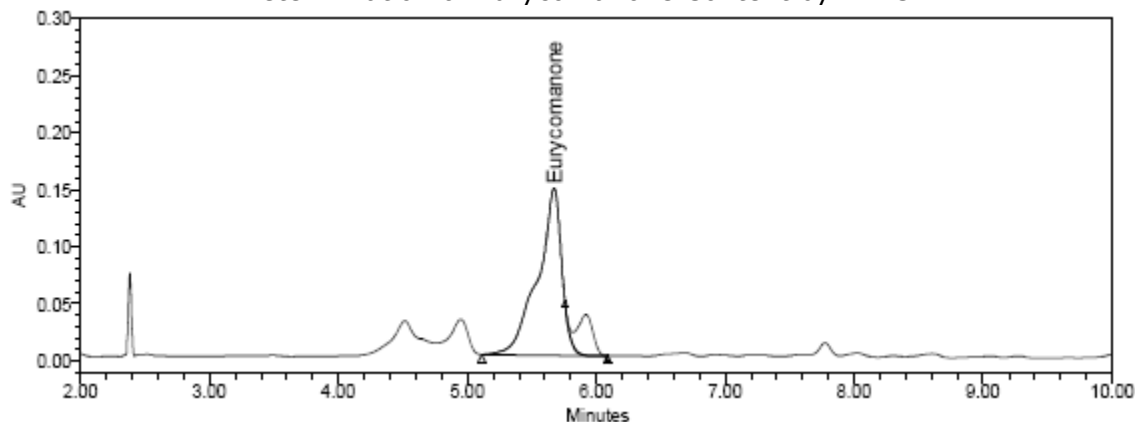


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Report Issued To: Yaju
Merwedeweg 5c2
Breukelen 3621 LP
Netherlands

Sample Name: Tongkat Ali Root Extract, 5% Eurycomanone
Description: Finished product; Dark red opaque capsules
Lot #: 5TKA230923
AL #: 23303UIQ_1
Analysis ID: 215510
Received: 10/30/23

Determination of Eurycomanone Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Average (mg/cap)	Specification	Result
5.7	Eurycomanone	4.355	3.986	4.170	10.694	10 mg/cap	Pass

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_6

Sample Preparation:

Composited the contents of 10 capsules. Weighed 100 mg sample into a 50 mL volumetric flask and added 40 mL of methanol. Vortexed for 30 seconds and sonicated for 15 minutes at room temperature. Let cool, filled to volume with methanol, and mixed by inversion. Filtered through 0.45 µm PTFE syringe filter.

Report Summary:

Conclusion: This " Tongkat Ali Root Extract, 5% Eurycomanone " test sample contains an average of 11 mg/capsule eurycomanone on the as-is basis.
OOS Reference: N/A
Fill weight: 256.414 mg/capsule
WI Reference: 31223 Eurycomanone

Analysis Date : 11/09/23

Analyzed By: C Decasiano

Authorized By: Diana Jimenez,
Lead Analytical Chemist