CERTIFICATE OF ANALYSIS



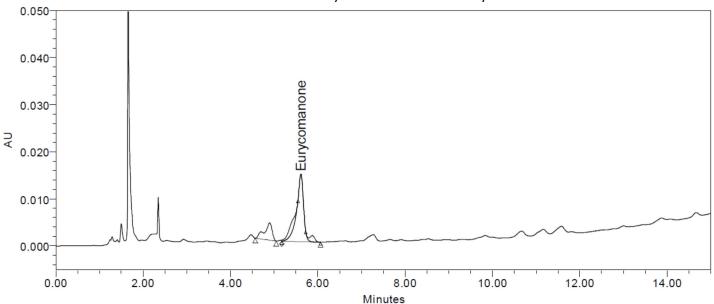
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Report Issued To: Lost Empire Herbs **Sample Name:** Tongkat Ali Spagyric Tincture

195 Aviation Way Suite 102 **Description:** Liquid extract; Liquid

Analysis ID: 155450 **Received:** 04/29/21

Determination of Eurycomanone Content by HPLC



Ret. Time		Prep 1	Prep 2	Average	g/mL		
(min)	Compound Name	(%)	(%)	(%)		Specification	Result
5.6	Eurycomanone	0.033	0.034	0.034	0.000316	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 Alliance 3

HPLC Instrument: Alliance

Sample Preparation:

Weighed 250 mg sample into 10 mL volumetric flask. Added 7 mL of methanol. Vortexed for 30 seconds and sonicated for 15 minutes at room temperature. Let cool and filled to volume with methanol. Mixed by inversion. Filtered through 0.45 μ m PTFE syringe filter.

Report Summary:

Conclusion: This "Tongkat Ali Spagyric Tincture" test sample contains an average of 0.000316 g/mL

eurycomanone on the as is basis.

OOS Reference: N/A

Density: 939.63 mg/mL

WI Reference: 13021 Eurycomanone_1

Analysis Date: 05/11/21 Analyzed By: A Pham Authorized By: Celine Deneuve,
Analytical Chemistry Supervisor

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