

# CERTIFICATE OF ANALYSIS



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

**Sample Name:** Tongkat Ali Root Extract, 10% Eurycomanone  
**Description:** Finished product; Dark red opaque capsules  
**Lot #:** 10TKA231007  
**AL #:** 23303HRM\_2  
**Analysis ID:** 214911  
**Received:** 10/30/23

## Determination of Heavy Metals Content by USP <561>

Element	Amount (µg/g)	USP <561> Limit (µg/g)	Result
Arsenic	<0.125	2.0	Pass
Cadmium	0.104	0.5	Pass
Mercury	<0.025	1.0*	Pass
Lead	0.984	5.0	Pass

### Chromatographic Conditions:

Method: ATM-815-0307  
Preparation: Microwave Digestion  
Instrument: ICP-MS

### Sample Preparation:

Transferred 500 mg of sample to a glass test tube. Added 4 mL nitric acid and 1 mL hydrochloric acid and shook well. Let sit for 30 minutes. Digested sample using microwave digester. Let cool and transferred to a 50 mL Digtube and filled to volume with water. Mixed well and transferred to test tube for analysis.

### Report Summary:

**Conclusion:** This "Tongkat Ali Root Extract, 10% Eurycomanone" test sample has <0.125 µg/g arsenic, 0.104 µg/g cadmium, <0.025 µg/g mercury, and 0.984 µg/g lead.  
**Fill Weight:** 368.03 mg/capsule  
**OOS Reference:** N/A  
**Notes:** \*Methylmercury determination is not necessary when the content for total mercury is less than the 0.2ppm limit for methylmercury.  
**MassHunter File:** 30423 Heavy Metals

**Analysis Date:** 11/01/23

**Analyzed By:** C Lopez

**Authorized By:** Diana Jimenez,  
Lead Analytical Chemist

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