

CERTIFICATE OF ANALYSIS



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Report Issued To: Yaju
Frans Halsstraat 62
Utrecht 3583BS
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Sample Name: Tongkat Ali Root Extract
Description: Powdered extract; Fine powder
Lot #: TKA230415
AL #: 23150VYM_3
Analysis ID: 201845
Received: 05/30/23

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	<0.031	0.5	Pass
Mercury	<0.025	1.0*	Pass
Lead	0.642	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 Digitube and filled to volume with water. Mixed well and transferred to test tube for analysis.

Report Summary:

Conclusion: This "Tongkat Ali Root Extract" test sample has <0.125 µg/g arsenic, <0.031 µg/g cadmium, <0.025 µg/g mercury, and 0.642 µg/g lead.
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: 15323 Heavy Metals

Analysis Date: 06/05/23

Analyzed By: L Brown

Authorized By: Anthony Fontana,
Laboratory Director

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