

CERTIFICATE OF ANALYSIS



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

Sample Name: Ecklonia Cava Extract
Description: Powdered extract; Powder
Lot #: EC230402
AL #: 23254QBA_4
Analysis ID: 213291
Received: 09/11/23

Determination of Heavy Metals Content by USP <561>

Element	Amount (µg/g)	USP <561> Limit (µg/g)	Result
Arsenic	1.172	2.0	Pass
Cadmium	<0.031	0.5	Pass
Mercury	<0.025	1.0*	Pass
Lead	<0.125	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 "Ecklonia Cava Extract" test sample has 1.172 µg/g arsenic, <0.031 µg/g cadmium, <0.025 µg/g mercury, and <0.125 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: 29723 Heavy Metals

Analysis Date: 10/24/23

Analyzed By: L Brown

Authorized By: Diana Jimenez, Lead Analytical Chemist