

CERTIFICATE OF ANALYSIS



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Report Issued To: Dietary Supplement Company
1234 Main Street
Los Angeles CA 90000
United States

Sample Name: Botanical Powdered Extract
Description: Brown Powder
Lot #: 12345
AL #: 22001ALK
Analysis ID: 8910
Received: 01/01/22

Determination of Heavy Metal Content by USP <561>

Element	Amount (mg/kg)	USP <561> Limit (mg/kg)	Result
Arsenic	< 2	2	Pass
Cadmium	< 0.5	0.5	Pass
Lead	< 5	5	Pass
Mercury	< 1	1	Pass

Chromatographic Conditions:

Method: ATM-815-0307
Preparation: Microwave Digestion
Instrument: Inductively Coupled Plasma Mass Spectrometry

Sample Preparation:

Mixed sample well. Ground to a fine powder or composited the contents of 10 capsules if needed. Transferred 250 mg of sample to a digestion test tube. Added 5.0 mL of Nitric Acid and 1.0 mL of Hydrochloric acid. Mixed and let stand for 20 minutes in hood. Digested sample using microwave digester. After cooling quantitatively transferred to 50 mL flask. Transferred digestate to test tube for analysis on ICP-MS.

Report Summary:

Conclusion: This "Sample Report" test sample meets the limits set forth in USP <561> Elemental Impurities Analysis.
OOS Reference: N/A
Notes: N/A
Work Instruction: xxxxx USP 561 Heavy Metals
Reference:



Analysis Date : xx/xx/xx

Analyzed By: Chemist

Authorized By: Manager

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