



Root of Happiness
Advocating for the Responsible
Distribution of Kava in North America

Root of Happiness
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Certificate of Analysis

Product Name: Polynesian Gold® 70% Solventless Concentrate
Lot#: VHM24144
Manufacturing Date: 01/31/24

Country of Origin: Vanuatu
Country of Processing: Vanuatu
Expiration Date: 01/31/26

General Specifications

Latin name	Piper Methysticum v Forst
Common name	Kava Kava, Awa, Yagona
Part Used	Roots Only
Appearance	Fine Yellow to Light Brown Powder
Extraction Ratio	Approx 8:1
Extraction Type	CO2
Extraction Method	Solventless - Supercritical
Homogeneity	Completely Homogenous
Carrier	Maltodextrin

Raw Material Image



Characteristics

	<u>Specification</u>	<u>Result</u>	<u>Test Method</u>
Standardization	30% Kavalactones +/- 3%	Pass 70.51%	HPLC/NIR
Identification	Complies by HPLC or HPTLC	Pass	HPTLC/NIR
Kavalactone Profile	Noble Variety – Non Tudei	Pass	HPLC/NIR
Flavokavains A,B,C	<6%	Pass	HPLC/NIR
Mesh Size	70-90 Mesh	Pass	Sieve
Color	Light Yellow to Golden	Pass	Visual
Odor	Compares to Standard	Pass	Organoleptic
Taste	Compares to Standard	Pass	Organoleptic

Microbiological Tests

	<u>Specification</u>	<u>Result</u>	<u>Test Method</u>
Total Plate Count	<10 ⁴ cfu/g	700	USP 2022
E. Coli	Negative in 10 cfu/g	Pass	USP 2022
Salmonella	Negative in 15 cfu/g	Pass	USP 2022
Staph Aureus	Negative in 10 cfu/g	Pass	USP 2022
Yeast	<10 ³ cfu/g	10	USP 2022
Mold	<10 ³ cfu/g	10	USP 2022

Heavy Metal Tests

	<u>Specification</u>	<u>Result</u>	<u>Test Method</u>
Total Heavy Metals	<10ppm; ICP-MS	Pass	USP 730

Verified By Jamie Roeder

QA Manager

Date **08/29/25**

Disclaimer: The test results listed are accurate to the best of our knowledge and are based upon reputable labs and industry standard testing methods. These results should not be used as a final determination for use in a finished product. It is recommended that you verify these test results with an in-house quality control department or obtain an additional independent third party lab to verify that this material meets specifications. The American Kava Association, its board of directors, contract laboratories, employees, and affiliates are held harmless from any loss or damages resulting from the use or misuse of this document. The appropriate use of this product is the sole responsibility of the user of the purchasing party.