



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: ROH Premium Vanuatu
Lot#: PV-R020625
Manufacturing Date: 02/06/25

Country of Origin: Vanuatu
Country of Processing: Vanuatu
Expiration Date: 02/05/28

General Specifications

Latin name Piper Methysticum v. Forst
Common name Kava Kava, Awa, Yagona
Part Used Lateral Roots and Corm
Appearance Brown to Beige Powder

Finished Product



<u>Characteristics</u>	<u>Specification</u>	<u>Result</u>	<u>Test Method</u>
Standardization	2-15% Kavalactones	5.56%<HPLC>	HPLC/NIR
Identification	Complies	Pass<HPLC>	NIR / HPLC / HPTLC / Microscopy
Kavalactone Profile	Noble Chemotype – Non Tudei	Pass – 245	HPLC/NIR
Flavokavains A,B,C	<0.35%	Pass – 0.329<HPLC>	HPLC/NIR
Mesh Size	>50% through 100 Mesh	Pass	Sieve
Color	Beige to Brown	Pass	Visual
Odor	Compares to Standard	Pass	Organoleptic
Taste	Compares to Standard	Pass	Organoleptic

<u>Microbiological Tests</u>	<u>Specification</u>	<u>Result</u>	<u>Test Method</u>
Aerobic Plate Count	<10 ⁷ cfu/g	Pass – 49,000	AOAC 990.12
Total Coliforms	<10 ⁴ cfu/g	Pass – <LOQ	AOAC 991.14
E. Coli	Negative in 10 cfu/g	Pass - <LOQ	AOAC 991.14
Salmonella	Negative in 15 cfu/g	Pass - <LOQ	AOAC 2020.02
Yeast	<10 ⁵ cfu/g	Pass - <LOQ	AOAC 2014.05
Mold	<10 ⁵ cfu/g	Pass - <LOQ	AOAC 2014.05

<u>Heavy Metal Tests</u>	<u>Specification</u>	<u>Result</u>	<u>Test Method</u>
Arsenic	<1ppm	Pass – 0.06	AOAC 2013.06
Cadmium	<1ppm	Pass – 0.33	AOAC 2013.06
Lead	<3ppm	Pass – 0.078	AOAC 2013.06
Mercury	<1ppm	Pass - 0.003	AOAC 2013.06

Verified By Jamie Roeder QA Manager

Date 03/17/25

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.