



The University of the South Pacific

INSTITUTE OF APPLIED SCIENCES, ANALYTICAL LABORATORY

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ANALYTICAL RESULT(S) (results apply to samples as received)

Customer : Pure Kava
 Attention : Accounts Payable
 Report No : R₁S2018/362S
 Sample delivered by Customer

Sample Type : Kava
 Date Received : 12/04/18
 Date Reported : 01/08/19

Customer I.D.	Lab No.	INDIVIDUAL KAVA LACTONES						*Total Lactones (g/100g)	*Kava Chemotype	Method Ref.
		DMY (g/100g)	DHK (g/100g)	YANG (g/100g)	KAV (g/100g)	DHM (g/100g)	METH (g/100g)			
Waka 4.1	2018/1689	2.9	2.4	2.1	2.0	1.9	1.8	13.1	462351	Kava – Kava, Chemical Analysis : Kurth, H, 1997

Method : Extraction of lactones using methanol followed by HPLC determination of individual lactones. Quantification done using external standards.

Key : DMY = Desmethoxyyangonin DHK = Dihydrokavain YANG = Yangonin
 KAV = Kavain DHM = Dihydromethysticin METH = Methysticin

Note 1 : CO = APHA Compendium of Methods for the Microbiological Examination of Foods, 4th Edition, 2001.
 Note 2 : This report R₁S2018/362S supersedes report no. RS2018/362S issued on 02/05/18. The kava lactone value has been corrected.
 Note 3 : *These tests are outside the scope of accreditation.

Jeremata Korojiuta
 Key Technical Person

01/08/19
 Date

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