

Report No. HRA0000105-002

Report issue date January 27, 2015

CERTIFICATE OF ANALYSIS

Food Sanitation Law registered inspection agency
(Ministry of Health, Labor and Welfare No. 1027001)

Ikata Service Co., Ltd.

(Request number)

367270

(Sample name)

Air dried immature ponkan powder 140806

Hiyoshi Corporation

908 Kitanosho, Omihachiman, Shiga 523-8555

TEL0748-32-5001 Fax0748-32-4192

This is to certify that the following results have been obtained from our analysis on the above-mentioned samples submitted by the client in January 6, 2015..

Test item	Results	Quantitation limit	Method	Notes
Hesperidin	16g/100g	—	HPLC	
Nobiletin	260mg/100g	—	HPLC	
Narirutin	1.2g/100g	—	HPLC	
Polyphenol	4100mg/100g	—	Folin-Ciocalteu method	1)
blank below				

Notes

1) The coloration of vitamin C in the sample was subtracted by the foreign thiocult method.

I certify that this ingredient list is an accurate translation of the Japanese ingredient list created by the manufacturer of Ponkan powder used in this interventional study into English.

Signature Koji Maruyama Date: Dec. 20, 2021

Koji Maruyama

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Test item	Results	Quantitation limit	Method	Notes
Moisture	6.6g/100g	—	Heating and drying method	
Protein	9.0g/100g	—	Kjeldahl method	1)
Fat	2.1g/100g	—	Acid degradation	
Ash	3.7g/100g	—	Direct incineration	
Sodium	3mg/100g	—	Atomic absorption spectrophotometry	
Fiber	56.1g/100g	—	Prosky method	
Sugar	22.5g/100g	—	—	2)
Energy	257kcal/100g	—	Modified Atwater method	3)
blank below				

Notes

- 1) Nitrogen / protein conversion factor: 6.25
- 2) Carbohydrate: 100- (moisture + protein + fat + ash + fiber)
- 3) Modified atwater method: protein×4 + fat×9 + sugar×4 + fiber×2

I certify that this ingredient list is an accurate translation of the Japanese ingredient list created by the manufacturer of Ponkan powder used in this interventional study into English.

Signature Koji Maruyama Date: Dec. 20, 2021

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