

Issue Date: November 28, 2014

Report No.: TR 57/42921

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## TEST REPORT

Customer Name and Address	THAI FREEZE DRY CO.,LTD. 165/3 Moo.1, T. Changphuek, A. Muang, Chiang Mai 50300
Sample Description	Mangosteen Powder
Sample Code	57/23076-005
Sample Characteristic and Condition	Sample Type: Mangosteen Powder Packaging : tightly sealed plastic bag Quantity : 1 bag, Weight/Volume : 1 kg. Temperature : room temperature, in good condition when received
Received Date	November 15, 2014
Test Date	November 17, 2014- November 28, 2014

### Analysis Results

Test items	per 100 g	per Serving	% Daily value	Reference Methods
Total Energy (Kcal)	388.37	40.00	-	In-house method TE-CH-169 based on Compendium of Methods for Food Analysis Thailand, 1st Edition, 2003
Energy from fat (Kcal)	24.93	0.00	-	In-house method TE-CH-169 based on Compendium of Methods for Food Analysis Thailand, 1st Edition, 2003
Fat (g)	2.77	0.00	0	AOAC (2012) 922.06
Saturated Fat (g)	1.07	0.00	0	In-house method TE-CH-208 based on AOAC (2012) 996.06
Cholesterol (mg)	Not Detected	0.00	0	In-house method TE-CH-143 based on Compendium of Methods for Food Analysis Thailand, 1st Edition, 2003
Protein (g) (%N x 6.25)	3.24	0.00	-	In-house method TE-CH-042 based on AOAC (2012), 981.10
Carbohydrate (g)	87.62	9.00	3	In-house method TE-CH-169 based on Compendium of Methods for Food Analysis Thailand, 1st Edition, 2003
Dietary Fiber (g)	59.93	6.00	24	In-house method TE-CH-076 based on AOAC (2012) 985.29
Sugar (g)	10.77	1.00	-	In-house method TE-CH-074 based on Compendium of Methods for Food Analysis Thailand, 1st Edition, 2003
Sodium (mg)	7.16	0.00	0	In-house method TE-CH-134 based on AOAC (2012), 984.27, by ICP-OES
Vitamin A (µg)	13.00	(1.30)	0	In-house method TE-CH-024 based on Compendium of Methods for Food Analysis Thailand, 1st Edition, 2003
Vitamin B1 (mg)	Not Detected	(0.00)	0	In-house method TE-CH-057 based on AOAC (2012) 942.23
Vitamin B2 (mg)	0.129	(0.01)	0	In-house method TE-CH-057 based on J. Agric. Food Chemistry (1984), 32
Calcium (mg)	113.05	(11.30)	0	In-house method TE-CH-134 based on AOAC (2012), 984.27, by ICP-OES
Iron (mg)	7.75	(0.78)	6	In-house method TE-CH-134 based on AOAC (2012) 999.10 by ICP-OES
Ash (g)	2.96	-	-	AOAC (2012) 920.153
Moisture (g)	3.41	-	-	AOAC (2012) 925.45 (A)

This report is certified only on the sample tested.

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