TECHNOLOGY PROMOTION ASSOCIATION (THAILAND-JAPAN)
CORPORATE SERVICES 3: EQUIPMENT CALIBRATION AND TESTING SERVICES
534/4 PATTANAKARN ROAD SOI 18, SUANLUANG, SUANLUANG, BANGKOK 10250
TEL. 0-2717-3000-24 FAX. 0-2719-9484

NSC-TISI-TIS17025
CALIBRATION 0008

Certificate of Calibration

Certificate No. : 20M1453
Page : 1 of 2

Equipment : Steel Weights
Manufacturer: SSM
Model : -
Serial No.: -
ID No.: Presented on page 2 of 2
Condition As-Received: Used Item
Received Date: 21 June 2020
Calibration Date: 29 July 2020

This certificate may not be reproduced other than in full, except with the prior written approval of the head of Corporate Services 3: Equipment Calibration and Testing Services.

Reference: 2006-0721DSC
Ambient Temperature: (23 ± 2) °C
Relative Humidity: (50 ± 15) %
Atmospheric Pressure: 1010 mbar

Submitted by: Medical Devices Division,Faculty of Medicine Siriraj Hospital, Mahidol University 2 Prannok Rd., Bangkoknoi Bangkok 10700

Procedure used: Calibration were conducted using in-house calibration procedure CP-M02 according to comparison method against standard weights on the basis of weighings at an average air density of 1.2 kg/m³ and a temperature of 23 °C material density of weight is 8000 kg/m³.

Condition of this result of calibration

1.Reference standards instuments :

Instrument	Model	Serial No.	Certificate No.	Due Date
1) Standard Weight Set (F1)	-	-	19M3001	24 Dec 2020

2.This certificate is not certified for any commercial transaction.

3.The certificate is valid only to the item calibrated on date and place of calibration.

4.This Certification is traceable to the International System of Unit maintained at:-

-National Institute of Metrology Thailand (NIMT)

Calibrated by : Suwat Wutthicharoenmongkol
Issue Date : 31 July 2020

Approved Signatory :

[ ] Phalinee Prabpaipal
[✓] Sura Suwannasri
[ ] Chaowalit Rittirak

B 0236795

Result of calibration

Nominal Value	ID No.	Conventional mass		Uncertainty of Measurement (±)	Maximum Permissible error (±)
		Before Adjustment	After Adjustment		
20 kg	4	20.00113 kg	20.00011 kg	300 mg	1000 mg
10 kg	2	10.00012 kg	-	160 mg	500 mg
5 kg	7	5.00003 kg	-	80 mg	250 mg
2 kg	8	1.999920 kg	2.000002 kg	30 mg	100 mg
1 kg	10	0.999990 kg	-	16 mg	50 mg

The reported uncertainty of measurement was based on a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95 %.

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