



Certificate No. : L0008-170320

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

**7 th Division, Bureau of Standards, Metrology and Inspection,
MOEA**

7th Division Calibration Laboratory

78, Cheng Der Rd., Sec. 5, Taipei City, Taiwan, R.O.C.

is accredited in respect of laboratory

Accreditation Criteria	: ISO/IEC 17025:2005
Accreditation Number	: 0008
Originally Accredited	: March 15, 1996
Effective Period	: March 20, 2017 to March 19, 2020
Accredited Scope	: Calibration Field, see described in the Appendix

Chung-Lin Wang

Chung-Lin Wang
President, Taiwan Accreditation Foundation
Date : March 20, 2017



Certificate No. : L0008-170320

財團法人全國認證基金會
Taiwan Accreditation Foundation

Accreditation Number : 0008

Laboratory Head : LIN, Cheng-Fa

Length

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand / model	document name /no.	mini mum value	units	maxi mum value	units	explanation	value	units
KA2002 Steel tape	Standard tape measure / YAMAYO / UM 10	Custom Tape Calibration Standard Operating Procedures / CDP-070-309	1	m	1	m		0.17	mm
			2	m	2	m		0.18	mm
			3	m	3	m		0.19	mm
			3.5	m	3.5	m		0.19	mm
			4	m	4	m		0.20	mm
			5	m	5	m		0.21	mm
			5.5	m	5.5	m		0.21	mm
			7.5	m	7.5	m		0.25	mm
			8	m	8	m		0.25	mm
			10	m	10	m		0.29	mm



Certificate No. : L0008-170320

財團法人全國認證基金會
Taiwan Accreditation Foundation

Mass/Force

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand / model	document name /no.	mini mum value	units	maxi mum value	units	explanation	value	units
KC1001 Weight (stainless steel)	METTLER E2 HAFNER E2 grade Germany and F1 level Health Thai F1 level	Custom Calibration Procedures for Weight Calibration / CDP-070-3 01	1	mg	1	mg		0.00089	mg
			2	mg	2	mg		0.00082	mg
			5	mg	5	mg		0.0011	mg
			10	mg	10	mg		0.00074	mg
			20	mg	20	mg		0.0011	mg
			50	mg	50	mg		0.00087	mg
			100	mg	100	mg		0.0024	mg
			200	mg	200	mg		0.0017	mg
			500	mg	500	mg		0.0019	mg
			1	g	1	g		0.0025	mg
			2	g	2	g		0.0021	mg
			5	g	5	g		0.0031	mg
			10	g	10	g		0.053	mg
			20	g	20	g		0.052	mg
			50	g	50	g		0.053	mg
			100	g	100	g		0.057	mg
			200	g	200	g		0.069	mg
			500	g	500	g		0.39	mg
			1	kg	1	kg		0.41	mg
			2	kg	2	kg		1.8	mg



Certificate No. : L0008-170320

財團法人全國認證基金會
Taiwan Accreditation Foundation

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand / model	document name /no.	mini mum value	units	maxi mum value	units	explanation	value	units
			5	kg	5	kg		5.6	mg
			10	kg	10	kg		12	mg
			20	kg	20	kg		24	mg
			50	kg	50	kg		0.12	g
			1000	kg	1000	kg		9.9	g
KC1002 The balance (On-site calibration included)	METTLER E2 level HAFNER F1 level Germany and F1 level	Custom Electronic Balance Calibration Standard Operating Procedures / CDP-070-308	5	g	5	g		0.06	mg
			10	g	10	g		0.07	mg
			20	g	20	g		0.09	mg
			50	g	50	g		0.14	mg
			100	g	100	g		0.23	mg
			200	g	200	g		0.44	mg
			500	g	500	g		1.2	mg
			1	kg	1	kg		2.2	mg
			2	kg	2	kg		4.3	mg
			5	kg	5	kg		12	mg
			10	kg	10	kg		25	mg
			20	kg	20	kg		50	mg
			50	kg	50	kg		90	mg



Certificate No. : L0008-170320

財團法人全國認證基金會
Taiwan Accreditation Foundation

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand / model	document name /no.	mini mum value	units	maxi mum value	units	explanation	value	units
KC3001 Stainless steel standard barrel	HAFNER E2、F1 Level METTLER F1 Level	Standard Practice for Calibrating Calibrated Calorimetry /CDP-070-311	10	L	10	L		6.1	mL
			20	L	20	L		6.2	mL

Note : Smallest uncertainty represents an expanded uncertainty using a coverage factor approximately 95 % level of confidence.

Approval Signatory

Approval Signatory	Scope
HO, Sway-Fu	KA2002, KC1001, KC1002, KC3001
LIN, Cheng-Fa	KA2002, KC1001, KC1002, KC3001
LIN, Kuo-Chu	KA2002, KC1001, KC1002, KC3001
CHIN, T-Y	KA2002, KC1001, KC1002, KC3001
KUO, Chen-Cheng	KA2002, KC1001, KC1002, KC3001
CHEN, Wei-Chen	KA2002, KC1001, KC1002, KC3001

(Null Below)