

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

Certificate of Accreditation

(Certificate No: L0583-231023)

This is to certify that

Chroma Ate Inc. Physics Calibration Laboratory

No. 88, Wenmao Rd., Guishan Dist., Taoyuan City, Taiwan

is accredited in respect of laboratory

Accreditation Criteria: ISO/IEC 17025:2017; CNS 17025:2018

Accreditation Number : 0583

Originally Accredited: November 15, 1999

Effective Period: November 15, 2023 to November 14, 2026

Accredited Scope : Calibration Field, see described in the Appendix



Ching-Chang Lien

President, Taiwan Accreditation Foundation

Ching-Chang Lien

October 23, 2023

P1, total 3 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

Accreditation Number: 0583

Laboratory Head: CHIANG, Ming-Yao

Length

ĺ	st nty	nits	mı	mı	
١	malles certair	value units	0.02 mm	0.02 mm	
	un s	val	0.0	0.0	9
	measurement conditions smallest /independent variable uncertainty	explanation	Outside Diameter (resolution: 0.01 mm)	Inside Diameter (resolution: 0.01 mm)	
	1)	units	mm	mm	
	measurand level or range	maximum value	300	300	
	easurand l	units	mm	mm	
)W	minimum value	0	0	
	calibration method	document name /no.	In-house method: Caliper Calibration Procedure	(Document No.: E-04-22-037)	pproval Signatory: CHIANG, Ming-Yao; LEE, Wen-Yu
	working standard	brand /model	A2003 Caliper ligimatic Calibrator	Mitutoyo 515-555	ignatory: CHI
Jugui	calibration	items	XA2003 Caliper Digimatic Calibrat	Caliper	Approval S.

Mass/Force

1/1033/1 0100				J					
	working	calibration		1 Commence	Section and Louise		measurement conditions	smallest	lest
calibration	Ш	method		leasurand n	measurand level or range	1)	/independent variable	n	ainty
items	brand	document name	minimum	mite	maximum	unite	noitenelave	911671	mite
	/model	/no.	value	dillis	value	cillin	CAPITATION	value uiits	callin
KC4004	1.Torque arm	1.Torque arm In-house method:	0.49	Nm	8.6	Nm	CW	1.6	%
Torque	CDI ÀB	Torque Calibrator calibration	(5)	(kgf cm)	(100)	(kgf cm)			//
Calibrator	10 cm, 25 cm procedure	procedure	2.45	Nm	24.5	Nm	CW	0.49	%
	2.Dead	(Document No.: E-04-22-041)	(25)	(kgf cm)	(250)	(kgf cm)		I	//
	weight		0.49	Nm	8.6	Nm	CCW	1.6	%
	DERHER		(5)	(kgf cm)	(100)	(kgf cm)		1	1
	100 g to		2.45	Nm	24.5	Nm	CCW	0.49	%
	20 kg		(25)	(kgf cm)	(250)	(kgf cm)		/	1
Approval 5	Signatory: CHIA	Approval Signatory: CHIANG, Ming-Yao						1	1

Temperature/Humidity

Carminate / manifestary	(armittate)								
calibration items	working standard	calibration method	u	neasurand 1	measurand level or range		measurement conditions /independent variable	smallest uncertainty	lest ainty
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value units	units
KE1002	Resistance	In-house method: Platinum	0	ွ	0	သွ		0.35	ွ
Platinum	Thermometer	resistance thermometer calibration	50	သွ	50	သွ		0.35	သ
resistance	Sensor	procedure	100	သွ	100	သွ		0.35	သ
thermometer	ASLF250/T100	thermometer ASLF250/T100 (Document No.: E-04-22-025)	150	သွ	150	သွ		0.35	သ
			200	သွ	200	သွ		0.35	သ
			250	သွ	250	သွ		0.35	သ
			300	သွ	300	သွ		0.35	သ
Approval Sign	natory: CHIANG,	Approval Signatory: CHIANG, Ming-Yao; LEE, Wen-Yu	\ \ \			1	H	H	ĺ

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

