



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



Scan to verify

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
October 23, 2023

Accreditation Number : 0583

Laboratory Head : CHIANG, Ming-Yao

Length

calibration items	working standard brand /model	calibration method document name /no.	measurand level or range			measurement conditions /independent variable explanation	smallest uncertainty	
			minimum value	units	maximum value		value	units
KA2003 Digimatic Caliper	Caliper Calibrator Mitutoyo 515-555	In-house method: Caliper Calibration Procedure (Document No.: E-04-22-037)	0	mm	300	Outside Diameter (resolution: 0.01 mm)	0.02	mm
			0	mm	300		Inside Diameter (resolution: 0.01 mm)	0.02
Approval Signatory: CHIANG, Ming-Yao; LEE, Wen-Yu								

Mass/Force

calibration items	working standard brand /model	calibration method document name /no.	measurand level or range			measurement conditions /independent variable explanation	smallest uncertainty	
			minimum value	units	maximum value		value	units
KC4004 Torque Calibrator	1. Torque arm CDI A/B 10 cm, 25 cm 2. Dead weight DERHER 100 g to 20 kg	In-house method: Torque Calibrator calibration procedure (Document No.: E-04-22-041)	0.49	N m	9.8	CW	1.6	%
			(5)	(kgf cm)	(100)			
			2.45	N m	24.5	CW	0.49	%
			(25)	(kgf cm)	(250)			
			0.49	N m	9.8	CCW	1.6	%
			(5)	(kgf cm)	(100)			
			2.45	N m	24.5	CCW	0.49	%
			(25)	(kgf cm)	(250)			
Approval Signatory: CHIANG, Ming-Yao								



Temperature/Humidity

calibration items	working standard brand /model	calibration method document name /no.	measurand level or range				measurement conditions /independent variable		smallest uncertainty	
			minimum value	units	maximum value	units	explanation	value	units	
KE1002 Platinum resistance thermometer	Resistance Thermometer Sensor ASLF250/T100	In-house method: Platinum resistance thermometer calibration procedure (Document No.: E-04-22-025)	0	°C	0	°C		0.35	°C	
			50	°C	50	°C		0.35	°C	
			100	°C	100	°C		0.35	°C	
			150	°C	150	°C		0.35	°C	
			200	°C	200	°C		0.35	°C	
			250	°C	250	°C		0.35	°C	
			300	°C	300	°C		0.35	°C	
Approval Signatory: CHIANG, Ming-Yao; LEE, Wen-Yu										

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

