METROLOGY SYSTEM (THAILAND) CO.,LTD.
Trescal company

Certificate of Calibration

Certificate Number : SPR25100331-3 Page : 1 of 3

Customer : Center for Safety, Health and Environment of Chulalongkorn University
Chamchuri Building 1, Room 108, Phayathai Rd., Pathumwan,
Bangkok 10330

Equipment Name	:	Sound Level Meter			
Manufacturer	:	Extech			
Model	:	SDL600			
Serial Number	:	H.285880			
ID. Number	:	N/A			
Environmental Conditions					
Ambient Temperature	:	23 °C ± 3 °C	Received Date	:	22 Oct 2025
Relative Humidity	:	50 % ± 15 %	Calibration Date	:	24 Oct 2025
Location of Calibration	:	In-Lab	Recommend Due Date	:	24 Oct 2026
Calibration Procedure	:	SP-CPE-04-01	Date of Issue	:	25 Oct 2025

Method of Calibration

This certifies that the above instrument was calibrated in compliance with the calibration system requirement of ISO/IEC 17025:2017 in accordance with reference procedure. Standards used to perform this calibration are certified by to NIST or equivalent, National metrology institute, Natural physical constants, consensus standards. The result reported herein apply only to the calibration of the item described above as received.Our decision rule is to contact the customer if the item pass and fail calibration when the results include the uncertainties and the customer must determine if the results meets their needs.

Calibrated by : Mr.Nanthawat Wanasit
Calibration Officer

Approved by

(Mr.Pootthipong A.)
Authorized Signatory

SPM A Trescal SP Metrology System (Thailand) Co., Ltd.

69/29 Moo 1 Klongsi Klongluang Pathumthani 12120 Tel: (662) 193-2217-20 www.spmetrology.co.th www.สอบเทียบเครื่องมือวัด.com

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Calibration Report

Certificate Number : SPR25100331-3

Reference Standards

Equipment Name	Model	Serial No.	Certificate No.	Due. Date
Sound Level Calibrator	ST-120	211203773	EEL.BP.22/0268	20 Feb 2026

Traceability

This certification is traceable to the International System of Unit maintained at :

TISTR - Thailand Institute of Scientific and Technological Research

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Result of Calibration

Certificate Number : SPR25100331-3

Range : 94 to 114 dB

Function : @1kHz

Select A

Unit : dB

Standard Setting	UUC Reading		Error		Uncertainty (±)
	Fast	Slow	Fast	Slow	
94	94.0	93.9	0.0	-0.1	0.15
114	114.1	114.1	0.1	0.1	0.15

Select C

Unit : dB

Standard Setting	UUC Reading		Error		Uncertainty (±)
	Fast	Slow	Fast	Slow	
94	94.0	94.0	0.0	0.0	0.15
114	114.1	114.0	0.1	0.0	0.15

Note:

The result of calibration was found accurate as show on date and place of calibration only. This Certificate is not certified for any commercial transaction.

Measurement Uncertainty

The reported uncertainty of measurement is the expanded uncertainty obtained by multiplying the standard uncertainty with the coverage factor k = 2, providing a level of confidence approximately 95%.

- End of Certificate -

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