

# Schedule

Issue date: 22 August 2025  
Valid Until: -



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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Lighthouse Worldwide Solutions (M) Sdn. Bhd. No. 18-32-A1 & A2, Gurney Tower Persiaran Gurney 10250 Georgetown Pulau Pinang , 10250, PULAU PINANG MALAYSIA
	
<b>ACCREDITED SINCE :</b>	22 AUGUST 2025
<b>FIELD(S) OF CALIBRATION:</b>	OPTICAL & PHOTOMETRIC

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

**\* The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

<b>CENTRAL LOCATION</b>	Lighthouse Worldwide Solutions (M) Sdn. Bhd. No. 18-32-A1 & A2, Gurney Tower Persiaran Gurney 10250 Georgetown Pulau Pinang , 10250, Pulau Pinang
<b>FIELD(S) OF CALIBRATION :</b>	OPTICAL & PHOTOMETRIC,

**SCOPE OF CALIBRATION : OPTICAL & PHOTOMETRIC**

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Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ( $\pm$ )*	Remarks
Airborne Particle Counter By Light Scattering Technique	Size Setting Error for Airborne Particle Size:		Calibration in accordance to ISO 21501-4
	0.2 $\mu\text{m}$	0.0051 $\mu\text{m}$	
	0.3 $\mu\text{m}$	0.0061 $\mu\text{m}$	
	0.5 $\mu\text{m}$	0.011 $\mu\text{m}$	
	0.7 $\mu\text{m}$	0.011 $\mu\text{m}$	
	1.0 $\mu\text{m}$	0.030 $\mu\text{m}$	
	2.0 $\mu\text{m}$	0.031 $\mu\text{m}$	
	2.5 $\mu\text{m}$	0.070 $\mu\text{m}$	
	3.0 $\mu\text{m}$	0.087 $\mu\text{m}$	
	5.0 $\mu\text{m}$	0.18 $\mu\text{m}$	
	10 $\mu\text{m}$	0.32 $\mu\text{m}$	

<b>SITE LOCATION (HQ)</b>	1. Lighthouse Worldwide Solutions (M) Sdn. Bhd.
<b>FIELD(S) OF CALIBRATION :</b>	OPTICAL & PHOTOMETRIC

## SCOPE OF CALIBRATION : OPTICAL & PHOTOMETRIC

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
Airborne Particle Counter By Light Scattering Technique	Size Setting		Calibration in accordance to ISO 21501-4
	Error for Airborne Particle Size:		
	0.0051 µm		
	0.0061 µm		
	0.011 µm		
	0.011 µm		
	0.030 µm		
	0.031 µm		
	0.070 µm		
	0.087 µm		
	0.18 µm		
	0.32 µm		
	0.2 µm		
	0.3 µm		
	0.5 µm		
	0.7 µm		
	1.0 µm		
	2.0 µm		
	2.5 µm		
	3.0 µm		
	5.0 µm		
	10 µm		

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