Schedule

Issue date: 06 April 2025
Valid Until: -

NO: SAMM 690

LABORATORY LOCATION/ CENTRAL OFFICE:	Perkin Elmer Sdn Bhd #2.01, Level 2, Wisma Academy Lot 4A, Jalan 19/1 46300 Petaling Jaya, Selangor , 46300, SELANGOR MALAYSIA
ACCREDITED SINCE :	06 APRIL 2025
FIELD(S) OF CALIBRATION:	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.**

CENTRAL LOCATION	Perkin Elmer Sdn Bhd #2.01, Level 2, Wisma Academy Lot 4A, Jalan 19/1 46300 Petaling Jaya, Selangor , 46300, Selangor
FIELD(S) OF CALIBRATION :	OPTICAL & PHOTOMETRIC,

SCOPE OF CALIBRATION : OPTICAL & PHOTOMETRIC

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
A) Wavelength	279 nm	0.3 nm	Procedure
	360 nm	0.3 nm	WI/PE/MY/CAL/UV/01
	460 nm	0.3 nm	based on ASTM E275-01
	536 nm	0.3 nm	using holmium oxide and
	1468 nm	None	mixed rare earth glass
	1945 nm	None	filters as standards
	Cu 324.80 nm	0.70 nm	Procedure

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Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
	Cu 324.80 nm	None	WI/PE/MY/CAL/AAS/01
Atomic Absorption	None	None	
B) Absorbance	0.2	0.02	Procedure
	1.0	0.02	WI/PE/MY/CAL/AAS/01
	2.0	0.06	based on ASTM E275-01
	2.0	None	using Neutral Density
	2.0	None	Filter as standards
B) Absorbance At 440.00 Nm 546.10 Nm 635.00 Nm 1700.00 Nm 2300.00 Nm	0.25 to 1.00	0.005	Procedure WI/PE/MY/CAL/UV/01 based on ASTM E275-01 using Neutral Density Filter as standards
Spectrophotometer	None	None	
	None	None	
	None	None	
	None	None	