

## Schedule

Issue date: 3 January 2017  
Valid until: 23 November 2017



### NO: SAMM 082

(Issue 3, 3 January 2017 replacement  
of SAMM 082 dated 12 January 2016)

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### FIELD OF CALIBRATION: OPTICAL AND PHOTOMETRIC MEASUREMENTS

### SCOPE OF ACCREDITATION:

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty( $\pm$ )*	Remarks
Spectrophotometer (UV- Visible Range)			
a) Wavelength	240 nm to 645 nm	0.2 nm	Calibrated using Holmium perchlorate as standard based on ASTM E275 and ASTM E925
b) Absorbance (230 nm to 640 nm)	0.2 to 1.0	0.006	Calibrated using Potassium Dichromate and Neutral Density Filter as standard based on ASTM E275 and ASTM E925
Transmittance (Normal indice)	240 nm to 780 nm	0.94 %	Calibrated using Agilent Cary 7000 Spectrophotometer based on ASTM D1746 and ISO 9050

The valid scope of accreditation is in [www.ism.gov.my/cab-directories](http://www.ism.gov.my/cab-directories).

### Signatories:

1. Seah Leong Ho
2. Teo Kok Siong

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**FIELD OF CALIBRATION: OPTICAL AND PHOTOMETRIC MEASUREMENTS**

**SITE CALIBRATION: CATE  OR  I**

### SCOPE OF ACCREDITATION:

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### Signatories:

1. **Seah Leong Ho**
2. **Teo Kok Siong**