

## **Calibration Kit for the Determination of the Relative Spectral Responsivity of Fluorescence Instruments, CRM**

Art. ID                      BAM-FCalKit  
Unit                         Kit

### Description

Five spectral fluorescence standards BAM-F001b - BAM-F005b ready-made by SigmaAldrich GmbH (now part of Merck KGaA) with emission spectra that cover the wavelength region of 300 nm to 770 nm are provided as a set. Addition of aliquots of 10 mL of ethanol to each of the bottled fluorescence standards yields a solution with an absorbance (E) of  $0.04 \pm 0.02$  at each fluorescence standard's longest wavelength absorption maximum. These solutions can be measured in 1 cm cells without additional dilution steps

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
BAM-F001b	fluorescence quantum yield					
BAM-F002b	fluorescence quantum yield					
BAM-F003b	fluorescence quantum yield					
BAM-F004b	fluorescence quantum yield					
BAM-F005b	fluorescence quantum yield					