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Relative intensity correction standard for fluorescence spectroscopy (Green emission) 427 nm

Art. ID	NIST-2941a
Unit	solid glass cuvette
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material(SRM®) is intended for use for the evaluation and calibration of the relative spectral responsivity of steady-state fluorescence spectrometers with a continuous excitation source and for determining the day-to-day or instrument-to-instrument intensity variations of a single or similar fluorescence instrument(s), respectively. This SRM is certified for the relative, corrected emission spectrum, E, in relative power units from emission wavelengths lambdaEM = 450 nm to 650 nm at 1 nm wavelength intervals at a fixed excitation wavelength (lambdaEX) of 427 nm. Note: This standards certified values become reference values when used for spectral correction of fluorescence spectrometers with pulsed light sources. The SRM should be positioned with the excitation beam normal to and centered on one polished face and with the emission being collected from the center of an adjacent polished face at 90° with respect to the excitation beam. The long frosted side should face away from the detection system. Each SRM has its own serial number etched into the top face, which should face up when in use. The frosted face may be used with a front-face or epifluorescence geometry, or the polished faces may be used with geometries different from that prescribed above. However, the certified values become reference values in these cases. This SRM consists of a single cuvette-shaped piece of solid glass.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Please ask for current certificate						