

Relative Intensity Correction Standard for Fluorescence Spectroscopy: Red Emission

Art. ID	NIST-2944
Unit	each (12,5 x 12,5 x 45) mm
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for use in 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. A unit of NIST-2944 consists of a single cuvette-shaped piece of solid glass, Sample Series units have a serial number between Bi0XX and Bi0YY. This SRM is certified for the relative, corrected emission spectrum, E, in relative energy units from emission wavelengths $\lambda_{EM} = 530 \text{ nm}$ to 830 nm at 1 nm wavelength intervals at a fixed excitation wavelength (λ_{EX}) of 515.0 nm . Due to larger signal to noise levels near the peak maximum, the emission range from $\lambda_{EM} = 590 \text{ nm}$ to 805 nm is recommended as optimal for most instruments and applications. Note that this standard's certified values become reference values when used for spectral correction of fluorescence spectrometers with pulsed light sources.

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