**UNITED STATES DEPARTMENT OF COMMERCE**
**National Institute of Standards and Technology**
Gaithersburg, Maryland 20899-0001

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**Product Identifier**

**SRM Number:** 2943
**SRM Name:** Relative Intensity Correction Standard for Fluorescence Spectroscopy: Blue Emission

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program. Articles are exempted per 1910.1200(c).

**Description:** This 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. SRM 2943 is a copper-doped (mole fraction of 0.01 % $Cu_2O$) phosphate-matrix glass. A unit of SRM 2943 consists of a single cuvette-shaped piece of solid glass.

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