

## **Set of six lead paint films (NIST-2570 - NIST-2575) - Lead**

Art. ID	NIST-2579a
Unit	set (6)
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) is intended for checking the calibration of portable, hand-held, x-ray fluorescence analyzers when testing for lead in paint coatings on interior and exterior building surfaces. A unit of NIST-2579a consists of a set of six coated polyester sheets, approximately 7.6 cm wide and 10.2 cm long. Five of the six sheets, NIST-2571 to NIST-2575, are coated with a single, uniform paint layer. The units are color coded and each color indicates a different level of lead content. The paint layer and white polyester sheet are approximately 0.04 mm and 0.2 mm thick, respectively. The sixth sheet, NIST-2570, is coated with a lead-free, lacquer layer of the same thickness as the lead paint samples and is included as a blank. All sheets are over-coated with a clear, thin, plastic laminate to protect the surface from abrasion. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Color code: White (Blank) (NIST-2570)	Lead (Pb)	[7439-92-1]	<0,001	mg/cm <sup>2</sup>		
Color code: Yellow (NIST-2571)	Lead (Pb)	[7439-92-1]	3,58 ± 0,39	mg/cm <sup>2</sup>		
Color code: Orange (NIST-2572)	Lead (Pb)	[7439-92-1]	1,527 ± 0,091	mg/cm <sup>2</sup>		
Color code: Red (NIST-2573)	Lead (Pb)	[7439-92-1]	1,040 ± 0,064	mg/cm <sup>2</sup>		
Color code: Gold (NIST-2574)	Lead (Pb)	[7439-92-1]	0,714 ± 0,083	mg/cm <sup>2</sup>		
Color code: Green (NIST-2575)	Lead (Pb)	[7439-92-1]	0,307 ± 0,021	mg/cm <sup>2</sup>		