

**Out of Stock - Item is not available at this time - Near Infrared Wavelength/Wavenumber**

Art. ID	NIST-2035b
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is a certified transfer standard intended for the verification and calibration of the wavenumber/wavelength scale of near infrared (NIR) spectrometers operating in transmission mode. A unit of NIST-2035a consists of an optical filter, 25 mm in diameter and 1.5 mm thick, that should be handled in its original optical mount and stored in the wooden container provided. NIST-2035a is a glass filter consisting of mole fractions of 3.00 % holmium oxide (Ho<sub>2</sub>O<sub>3</sub>), 1.30 % samarium oxide (Sm<sub>2</sub>O<sub>3</sub>), 0.68 % ytterbium oxide (Yb<sub>2</sub>O<sub>3</sub>), and 0.47 % neodymium oxide (Nd<sub>2</sub>O<sub>3</sub>) in a matrix containing oxides of lanthanum (La<sub>2</sub>O<sub>3</sub>), boron (B<sub>2</sub>O<sub>3</sub>), silicon (SiO<sub>2</sub>), and zirconium (ZrO<sub>2</sub>).

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