

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

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|-----------------|-----------------------------------|
| 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 (Ho₂O₃), 1.30 % samarium oxide (Sm₂O₃), 0.68 % ytterbium oxide (Yb₂O₃), and 0.47 % neodymium oxide (Nd₂O₃) in a matrix containing oxides of lanthanum (La₂O₃), boron (B₂O₃), silicon (SiO₂), and zirconium (ZrO₂).

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