

**\*\*\*Replaced by NIST-640g\*\*\*Line Position and Line Shape Standard for Powder Diffraction (Silicon Powder)**

Art. ID NIST-640f  
Unit 7,5 g  
Deliverydetails ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1346 III E1

Description

This Standard Reference Material (SRM®) is intended for use as a standard for calibration of diffraction line positions and line shapes, determined through powder diffractometry. A unit of NIST-640f consists of approximately 7.5 g of silicon powder bottled under argon. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
at 22.5 Grad Celsius	Lattice parameter		0,5431144 ± 0,000008	nm		