

## **Line Position and Line Shape Standard for Powder Diffraction (Silicon Powder)**

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

### Description

The certified values delivered by this Standard Reference Material (SRM) are intended for the calibration of powder diffraction equipment with respect to line position and profile breadth as a function of 2Theta angle. A unit of NIST-640g 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
	Lattice parameter		0,5431109 ± 0,000008	nm		