

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		