

**Zeta Potential - Colloidal Silica (Nominal Mass Fraction 2.2%), Standard Reference Material**

Art. ID                      NIST-1993  
Unit                         2 x 25 mL  
Deliverydetails            No Dangerous Good /not restricted

Description

A unit of NIST-1993 consists of two pre-scored ampoules each containing approximately 25 mL of colloidal silica suspension in a borate buffer at pH 8.9. This material is a joint production of the European Commission Joint Research Centre (JRC) and NIST. NIST-1993 is materially identical to JRC ERM-FD306. Detailed information about the production and characterization of NIST-1993 are provided in NIST Special Publication 260-209 [1]. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Mean electrophoretic mobility		(- 0,00000043 ± 0,0000 00003)	m <sup>2</sup> /Vs		
	Mean zeta potential		(-56 ± 4)	mV		