

**Zeta Potential - Colloidal Silica (Nominal Mass Fraction 0.15 %), Standard Reference Material**

Art. ID	NIST-1992
Unit	4 x 5 mL
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended to assess the performance of instruments and/or methods that are used for measuring zeta potential and electrophoretic mobility. As with any reference material, it can be used for establishing control charts or validation studies. A unit of NIST-1992 consists of four pre-scored ampoules each containing approximately 5 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-1992 is materially identical to JRC ERM-FD305. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Mean electrophoretic mobility		(- 0,00000045 ± 0,00000004)	m <sup>2</sup> /Vs		
	Mean zeta potential		(-58 ± 5)	mV		