

K-411 glass microspheres

Art. ID	NIST-2066
Unit	50 mg
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for use as a standard for the quantitative microanalysis of particles and for the development of particle matrix correction procedures. The elements present in these microspheres, common to many classes of particles, are silicon, calcium, magnesium, iron, and oxygen. NIST-2066 consists of approximately 50 mg of glass microspheres of known composition and size (1 µm to 40 µm) with minimal microheterogeneity. Certified concentration in mass fraction of microspheres larger than 2 µm. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Silicon (Si)	[7440-21-3]	0,256 ± 0,017	kg/kg		
	Carbon (C)	[7440-44-0]	0,112 ± 0,023	kg/kg		
	Magnesium (Mg)	[7439-95-4]	0,092 ± 0,014	kg/kg		
	Iron (Fe)	[7439-89-6]	0,112 ± 0,023	kg/kg		
	Oxygen (O)	[7782-44-7]	0,429 ± 0,012	kg/kg		