

Controlled Pore Glass - BET Specific Surface Area (18nm)

Art. ID	NIST-2207
Unit	5 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for the calibration and performance testing of instruments used for the determination of the Brunauer-Emmett-Teller (BET) specific surface area (SSA) by the static volumetric gas sorption technique. A unit of NIST-2207 consists of one bottle containing approximately 5.1 g of high-purity granulated controlled-pore glass with a nominal pore diameter of 18 nm. This SRM is certified for BET SSA determined by nitrogen gas sorption at liquid nitrogen temperature (77.3 K) using commercial instrumentation. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Measurement Technique: MP	Specific surface area (BET)		177,8 ± 1,3	m2/g		
Measurement Technique: SP	Specific surface area (BET)		174,2 ± 1,3	m2/g		