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PureSynth®
Research Chemicals

Product Specification

Product Name:
Silicon dioxide Colloidal Hydrate, ≥99.0%, Pur*Reagent* (Confirms to IP specification)

Product No.:	PSR46245
Brand:	PureSynth
CAS No.:	60676-86-0
Molecular Formula:	SiO_2
Molecular Weight:	60.08 g/mol



Test	Specification
Appearance	White Amorphous Powder
Assay (as SiO_2; on ignited basis)	≥ 99.0%
Identification Test	Complies
Loss on ignition (at 900°C; 2 hrs)	NMT 5.0 %
pH (1 gm in 30 ml H_2O suspension)	3.5 - 5.5
Arsenic (As)	NMT 0.0008%
Chloride (Cl)	NMT 0.025%
Heavy metal (as Pb)	NMT 0.0025%

Specification No.: PR-1.0-QA/913

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com