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Product Specifications



Catalogue Number	47216
Product	Silicon oxide nanopowder , modified with double layer (10-20 nm)
CAS Number	7631-86-9
Molecular Formula	SiO_2
Molecular Weight	60.08

Appearance	White nanopowder
pH	6.5 - 8.0
Loss on Drying	$\leq 4\%$ (105 °C at 2 h)
Loss on ignition	$\leq 15\%$ (950 °C at 2 h)
Mesh Size	APS 10-20 nm, SSA 90-130 m ² /g
Related Substances	C : $\leq 0.3\%$, Ca : ≤ 125 ppm, Fe : ≤ 50 ppm, Ti : ≤ 70 ppm, Na : ≤ 55 ppm
Assay	Content of SiO_2 : $\geq 98\%$ (950 °C at 2 h) Content of SiO_2 : $\geq 80\%$ (On dry basis)
Purity	$\geq 99.8\%$ (before surface treatment)
Storage	Store at RT

For Laboratory Use Only