

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Silicon dioxide**
Specifications & Purity: colloidal, highly dispersed, Ph. Eur., JP, NF, E 551
SKU #: **S433677**

Parameter	Limit Values
Appearance(S433677)	White Powder
X-Ray Diffraction	Conforms to Structure
Purity(with ignition residue)	99-100.5 (%)
Solubility in H ₂ O	0-5 (%)
PH(4% Water)	3.5-5.5
Chloride (Cl ⁻)	0-0.011 (%)
Heavy metal (as Pb)	0-0.0025 (%)
Aluminium(Al)	0-0.001 (%)
Arsenic(As)	0-0.0003 (%)
Iron(Fe)	0-0.05 (%)
Mercury (Hg)	0-0.0001 (%)
Lead (Pb)	0-0.0005 (%)
Loss on ignition (out of dried substance)	0-2 (%)
Loss on drying	0-2.5 (%)
Specific Surface Area	175-225 (m ² /g)