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Product Specifications

Ag

Catalogue Number	46536
Product	Silver nanopowder (~100 nm)
CAS Number	7440-22-4
Molecular Formula	Ag
Molecular Weight	107.87

Appearance	Dark grey powder
Density	Bulk density 0.50 - 0.60 g/cm ³ , True density 10.5 g/cm ³
Trace Metal Analysis	Al : ≤ 100 ppm, Fe : ≤ 15 ppm, As : ≤ 5 ppm, Ni : ≤ 50 ppm, Bi : ≤ 55 ppm, Si : ≤ 25 ppm Cu : <30 ppm
Mesh Size	APS ~100 nm, SSA ~ 5 m ² /g
Purity	≥ 99.95% (Trace metals basis)
Application	A versatile substance with pharmacological, anti-microbial, conductive, and chemical applications, silver nanopowder/nanoparticles appear as colored powders available in various granule sizes and coatings.
Storage	Store at RT

For Laboratory Use Only