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Product Specifications

Ag

Catalogue Number	46540
Product	Silver nanopowder, oleic acid coated (30-50
CAS Number	7440-22-4
Molecular Formula	Ag
Molecular Weight	107.87

Appearance	Black powder
Density	Bulk density 0.9g/cm ³ , True density 10.5 g/cm ³
Trace Metal Analysis	Al : ≤ 10 ppm, Fe : ≤ 80 ppm, As : ≤ 1 ppm, Ni : ≤ 20ppm, Pb : ≤ 10 ppm, Si : ≤ 30 ppm, Cu : ≤ 40 ppm, Sb : ≤ 1 ppm
Mesh Size	APS 30-50 nm, SSA 5 - 10 m ² /g
Purity	≥ 99.9% (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