

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Ag

Catalogue Number	46539
Product	Silver nanopowder (50-60 nm)
CAS Number	7440-22-4
Molecular Formula	Ag
Molecular Weight	107.87

Appearance	Dark grey powder
Density	Bulk density 0.35 g/cm ³ , True density 10.5 g/cm ³
Trace Metal Analysis	Al : ≤ 200 ppm, Fe : ≤ 200 ppm, As : ≤ 5 ppm, Ni : ≤ 100 ppm, Bi : ≤ 100 ppm, Si : ≤ 50 ppm, Cu : ≤ 100 ppm
Mesh Size	APS 50-60 nm, SSA ~12 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