

Silver Nanoparticles Dispersion

Nanodispersions have germicidal properties and have shown negligible toxicity even at high concentrations. Silver nanoparticles are ideal for spectral interrogation of various biological interactions and for use as tags to indicate location and environment of a target of interest.

Properties

- ✓ Excellent chemical stability
- ✓ Large specific surface area
- ✓ Antimicrobial resistance
- ✓ Unique optical, electrical, and thermal characteristics
- ✓ Excellent conductivity

Quick Facts

Purity	: 99.99 %
APS	: <80nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH ₂ O)
Form	: Slurry, Suspension, Dispersion, Colloidal



Applications

- ✓ Anti bacterial gel, lotion, wound dressing
- ✓ Antimicrobial coating
- ✓ Sensors
- ✓ Food industry
- ✓ Thin film electronics
- ✓ Solar cell, catalysts
- ✓ Conductive ink, paste filter



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