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## Product Specification

**Product Name:**

Silver, dispersion - nanoparticles, 40 nm particle size (TEM), 0.02 mg/mL in aqueous buffer, contains sodium citrate as stabilizer

**Product Number:** 730807

# Ag

**Formula Weight:** 107.87 g/mol

**Storage Temperature:** 2 - 8 °C

TEST	Specification
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Appearance (Color)	Faint Yellow to Dark Yellow and Faint Orange to Dark Orange
Appearance (Form)	Liquid
May Appear Hazy Due to Being A Dispersion	
ICP Major Analysis	Confirmed
Confirms Silver Component	
Wavelength	405 - 425 nm
Absorbance	2.37 - 3.09 Abs UN
Diameter	Confirmed
Average Diameter (TEM): 40 nm +/- 4nm	
Supplier information	Confirmed
Mass Concentration: 0.02 mg/ml +/- 10%	
Recommended Retest Period	-----
6 Months	

Specification: PRD.1.ZQ5.10000103546

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

