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Product Specification

Product Name:

Silver, dispersion - nanoparticles, 10 nm particle size (TEM), 0.02 mg/mL in aqueous buffer, contains sodium citrate as stabilizer

Product Number:

730785

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

380 - 405 nm

Absorbance

2.77 - 3.61 Abs UN

Diameter

Confirmed

Average Diameter (TEM): 10 nm +/- 4nm

Supplier information

Confirmed

Mass Concentration: 0.02 mg/ml +/- 10%

Recommended Retest Period

9 Months

Specification: PRD.2.ZQ5.10000075751

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. 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.

