

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Silver nanospheres – 20 nm avg. part. size, 0.02 mg/mL in water, PVP functionalized

Product Number: 795933

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	Light Yellow to Yellow and Light Brown to Brown
Appearance (Form)	Liquid
Wavelength	
Specification: Report Result	
ICP Major Analysis	Confirmed
Confirms Silver Component	
Diameter	
Hydrodynamic (Report Result)	
Surface Area	
Report Result (TEM)	
Concentration	
Mass (Ag)(Report Result)	
Particles/ml	Confirmed
4.5E+ 11 particles/mL	
Diameter	Confirmed
20 nm	
Miscellaneous Supplier Data	
Zeta Potential (mV)(Report Result)	
pH	
Report Result	
Silver (Ag)	Confirmed
99.99%	
Miscellaneous Supplier Data	Confirmed
Particle Surface: PVP	
Expiration Date Period	-----
9 Months	

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.

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