

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 – 100 nm avg. part. size, 1 mg/mL (aqueous sodium citrate), citrate functionalized

Product Number:

807141

Formula Weight:

18.02 g/mol

TEST	Specification
Appearance (Color)	Light Yellow to Yellow and Light Brown to Brown
Appearance (Form)	Liquid
Wavelength	
Specification: Report Only	
ICP Major Analysis	Confirmed
Confirms Silver Component	
Diameter	
Specification: Report Only	
Surface Area	
(TEM)	
Specification: Report Only	
Concentration	
Mass (Ag)	
Specification: Report Only	
Particles/ml	Confirmed
2.0E+ 11	
Diameter	
Hydrodynamic	
Specification: Report Only	
Zeta Potential	
Specification: Report Only	
pH	
Specification: Report Only	
Silver (Ag)	Confirmed
99.99%	

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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TEST	Specification
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Particle Surface	Confirmed
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Sodium Citrate	
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Recommended Retest Period	-----
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1 Year	
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Specification: PRD.0.ZQ5.10000103797

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