

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Silver nanoplates – abs., 750 nm (resonant), ~1 mg/mL (in water with 5 mM sodium borate buffer), PVP functionalized

Product Number: 807516

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	Conforms to Requirements
Appearance (Form)	Liquid
Wavelength	700 - 799 nm
ICP Major Analysis	Confirmed
Confirms Silver Component	
Concentration	
Mass(Ag)	
Specification: Report Only	
Diameter	
(TEM)	
Specification: Report Only	
Standard Deviation	
Specification: Report Only	
pH	
Specification: Report Only	
Particle Surface	Confirmed
PVP	
Recommended Retest Period	-----
1 Year	

Specification: PRD.0.ZQ5.10000100126

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.