

3050 Spruce Street, Saint Louis, MO 63103, USA
 Website: www.sigmaaldrich.com
 Email USA: techserv@sial.com
 Outside USA: eurtechserv@sial.com

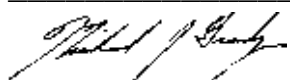
Certificate of Analysis

Product Name:

Silver nanoplates – abs., 850 nm (resonant), ~1 mg/mL (in water with 5 mM sodium borate buffer), PVP functionalized

Product Number: 807699
Batch Number: MKBW9351V
 Brand: ALDRICH
 Storage Temperature: Store at 2 - 8 °C
 Quality Release Date: 09 DEC 2015
 Date Retested: 26 SEP 2018
 Recommended Retest Date: SEP 2019

Test	Specification	Result
Appearance (Color)	Conforms to Requirements	Dark Blue
Appearance (Form)	Liquid	Liquid
Wavelength	800 - 899 nm	850 nm
ICP Major Analysis	Confirmed	Confirmed
Confirms Silver Component		
Concentration		1.0 mg/ml
Mass(Ag)		
Specification: Report Only		
Diameter		76.6 nm
(TEM)		
Specification: Report Only		
Standard Deviation		19.3 nm
Specification: Report Only		
pH		9.0
Specification: Report Only		
Particle Surface	Confirmed	Confirmed
PVP		
Recommended Retest Period	-----	-----
1 Year		



Michael Grady, Manager
 Quality Control
 Milwaukee, WI US

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.