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## Product Specification

Product Name:  
Silver nanoparticle ink - 30 wt % dispersion in ethylene glycol

Product Number: 798738

# Ag

TEST	Specification
Appearance (Color)	Conforms to Requirements
Grey	
Appearance (Form)	Suspension
Proton NMR Spectrum	Conforms to Structure
ICP Major Analysis	Confirmed
Confirms Silver Component	
Solid Content	26.0 - 34.0 %
Viscosity	Confirmed
28+ /-5 cP (Brookfield, Spindle 42)	
Size	Confirmed
d50= 73+ /-15nm	
d90= 111+ /-40nm	

Specification: PRD.0.ZQ5.10000062424

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.