

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:

Zinc oxide nanoparticle ink - 2.5 wt. %, viscosity 2.1 cP, work function -3.9eV

Product Number:

808253

TEST	Specification
Appearance (Color)	Light Brown to Brown
Appearance (Form)	Liquid
ICP Major Analysis	Confirmed
Confirms Zinc Component	
Solid Content	2.3 - 2.7 %
Size	8 - 16 nm
Mean primary particle size	
Size	14 - 24 nm
Mean hydrodynamic particle size	
Viscosity	1.6 - 2.6
cP	
Product of Supplier	Confirmed
Avantama Ltd	
Recommended Retest Period	-----
1 Year	

Specification: PRD.2.ZQ5.10000065732

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.

