

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

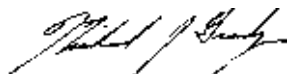
Certificate of Analysis

Product Name:

PbS core-type quantum dots - oleic acid coated, fluorescence λ_{em} 1300 nm, 10 mg/mL in toluene

Product Number: 900737
Batch Number: MKCF4548
Brand: ALDRICH
Storage Temperature: Store at 2-8 DEGREE C
Quality Release Date: 07 DEC 2017
Date Retested: 06 NOV 2018
Recommended Retest Date: NOV 2019

Test	Specification	Result
Appearance (Color)	Black	Black
Appearance (Form)	Liquid	Liquid
ICP Major Analysis	Confirmed	Confirmed
Confirms Lead and Sulfur Components		
Concentration	Confirmed	Confirmed
10(+/-1) mg/mL		
Emission Maximum	1275 - 1325 nm	1275 nm
Full Width Half Max (FWHM)	≤ 100 nm	86 nm
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.