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Product Specification

Product Name:

PbS core-type quantum dots - oleic acid coated, fluorescence λ_{em} 1500 nm, 10 mg/mL in toluene**Product Number: 900728**

Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)	Brown to Very Dark Brown and Black
Appearance (Form)	Liquid
ICP Major Analysis	Confirmed
Confirms Lead and Sulfur Components	
Concentration	Confirmed
10(+ /-1) mg/mL	
Emission Maximum	1475 - 1525 nm
Full Width Half Max (FWHM)	≤ 100 nm
Recommended Retest Period	-----
1 Year	

Specification: PRD.1.ZQ5.10000085065

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.