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Product Specification

Product Name:

PbS core-type quantum dots - oleic acid coated, fluorescence λ_{em} 1000 nm, 10 mg/mL in toluene**Product Number:** 747017

Formula: PbS

Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)	Black
Appearance (Form)	Liquid
Concentration	Confirmed
10mg/ml in Toluene	
Diameter	
Specification: Report Result	
Absorption Max	
Specification: Report Result	
Emission Wavelength	975 - 1025 nm
Full Width Half Max (FWHM)	≤ 180 nm
Miscellaneous Assay	
Calculated band gap (eV)	
Registered Trademark	Confirmed
CANdot is a registered trademark of Fraunhofer CAN	
Expiration Date Period	-----
1 year	

Specification: PRD.2.ZQ5.10000052438

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.