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Product Specification

Product Name:

CdSe/ZnS quantum dots - fluorescence λ_{em} 635 nm, 5 mg/mL in toluene/aliphatic amine

Product Number: 731870

Formula: CdSe/ZnS

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	Red
Appearance (Form)	Liquid
Emission Wavelength (Nanosys; Inc.)	631 - 639 nm
Miscellaneous Assay Full Width Half Max (FWHM) (Nanosys; Inc.)	≤ 60
Assay Quantum Yield (Nanosys; Inc.)	≥ 80 %
Miscellaneous Assay Solvent and Concentration 5g/ml in Toluene (Nanosys; Inc.)	Conforms
Product of Supplier Nanosys; Inc.	Confirmed

Specification: PRD.0.ZQ5.10000018991

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.