

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

CdSeS/ZnS alloyed quantum dots - fluorescence  $\lambda_{em}$  575 nm, 6 nm diameter, 1 mg/mL in toluene

Product Number:

753785

CdS<sub>x</sub>Se<sub>1-x</sub>/ZnS

Storage Temperature:

2 - 8 °C

**TEST****Specification**

Appearance (Color)	Light Yellow to Yellow and Light Orange to Orange
Appearance (Form)	Liquid
Appearance (Turbidity)	Clear
Identity	Conforms
CDSSES/ZNS Alloyed Quantum Dots	
Concentration	Conforms
1mg/ml in Toluene	
Emission Wavelength	570 - 580 nm
Recommended Retest Period	-----
3 years	

Specification: PRD.1.ZQ5.10000071877

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.