

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

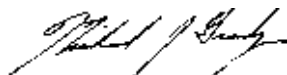
Product Name:

CdSeS/ZnS alloyed quantum dots - fluorescence  $\lambda_{em}$  630 nm, 6 nm diameter, 1 mg/mL in toluene

**Product Number:** 753793  
**Batch Number:** MKCD6356  
**Brand:** ALDRICH  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 18 AUG 2017  
**Recommended Retest Date:** AUG 2020

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

Test	Specification	Result
Appearance (Color)	Light Orange to Dark Orange and Light Red to Dark Red	Orange
Appearance (Form)	Liquid	Liquid
Appearance (Turbidity)	Clear to Hazy	Clear
Identity	Conforms	Conforms
CDSES/ZNS Alloyed Quantum Dots		
Concentration	Conforms	Conforms
1mg/ml in Toluene		
Emission Wavelength	625.0 - 635.0 nm	628.0 nm
Recommended Retest Period	-----	-----
3 years		



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.