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Certificate of Analysis

Product Name:

CdSeS/ZnS alloyed quantum dots - COOH functionalized, fluorescence λ_{em} 630 nm, 6 nm diameter, 1 mg/mL in H₂O

Product Number: 753882

CdS_xSe_{1-x}/ZnS

Batch Number: MKCC9543

Brand: ALDRICH

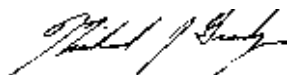
Formula: CdS_xSe_{1-x}/ZnS

Storage Temperature: Store at 2 - 8 °C

Quality Release Date: 13 JUN 2017

Recommended Retest Date: JUN 2020

Test	Specification	Result
Appearance (Color)	Light Orange to Very Dark Orange and Light Red to Very Dark Red	Dark Orange
Appearance (Form)	Liquid	Liquid
Appearance (Turbidity)	Clear	Clear
Identity	Conforms	Conforms
CDSES/ZNS Alloyed Quantum Dots		
Concentration	Conforms	Conforms
1mg/ml in H ₂ O		
Emission Wavelength	625 - 635 nm	630 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.