

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-18 17:18:47
Date of Next Testing: 2025-02-17 17:18:47
Product Name: **CdSe/ZnS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ_{em} 640 nm, 8 $\mu\text{mol/L}$ in H₂O
Lot #: L2008201
SKU #: **C139744**
Analysis: **320597**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Quantum yield	≥ 30 (%)	33.60 %
Concentration in H ₂ O	7.5-8.5 ($\mu\text{mol/L}$)	7.90 $\mu\text{mol/L}$
L x W	0-30 (nm)	13.60 nm
Emission Wavelength	638-642 (nm)	639.00 nm



John Su
QA & QC Manager