

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-20 14:42:27
Date of Next Testing: 2025-03-20 14:42:27
Product Name: **CdSe/ZnS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ_{em} 545 nm, 8 $\mu\text{mol/L}$ in H₂O
Lot #: I2202401
SKU #: **C139725**
Analysis: **333645**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Emission Wavelength	543-547 (nm)	545.00 nm
Concentration in H ₂ O	7.5-8.5 ($\mu\text{mol/L}$)	8.08 $\mu\text{mol/L}$
Quantum yield	≥ 30 (%)	33.17 %
Half peak width	0-30 (nm)	20.00000 nm



John Su
QA & QC Manager