

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-12 14:27:36

Date of Next Testing: 2025-03-12 14:27:36

Product Name: **CdSe/ZnS Quantum Dots**

CAS Number:

Specifications & Purity: fluorescence λ_{em} 625 nm, 8 $\mu\text{mol/L}$ in H₂O

Lot #: L1906019

SKU #: **C139741**

Version: **0**

Analysis #: **329271**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
L × W	0-30 (nm)	29.75000 nm
Concentration in H ₂ O	7.5-8.5 ($\mu\text{mol/L}$)	8.10200 $\mu\text{mol/L}$
Quantum yield	≥30 (%)	35.10500 %
Emission Wavelength	623-627 (nm)	625.10800 nm



John Su
QA & QC Manager