

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-06 09:16:27

Date of Next Testing: 2025-09-06 09:16:27

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

CAS Number:

Specifications & Purity: fluorescence λ_{em} 645 nm, 8 $\mu\text{mol/L}$ in H₂O

Lot #: G2014120

SKU #: **C139745**

Version: **0**

Analysis #: **407658**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
L × W	0-30 (nm)	13.40000 nm
Concentration in H ₂ O	7.5-8.5 ($\mu\text{mol/L}$)	7.60000 $\mu\text{mol/L}$
Quantum yield	≥ 30 (%)	31.70000 %
Emission Wavelength	643-647 (nm)	643.50000 nm



John Su
QA & QC Manager