

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-10 13:39:34

Date of Next Testing: 2026-12-10 13:39:34

Product Name: **Cadmium selenide quantum dot (CdSe core)**

CAS Number: 1306-24-7

Specifications & Purity: 50umol/L in hexanes, 625nm peak emission

Lot #: L2508322

SKU #: **C396240**

Version: **3**

Analysis #: **613694**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Full Width at Half Maximum	≤ 38 (nm)	36.00000 nm
Concentration	45-55 ($\mu\text{mol/L}$)	50.00000 $\mu\text{mol/L}$
Peak Emission Wavelength	615-635 (nm)	628.80000 nm
Solvent(Hexanes)	Conform	Conform



John Su
QA & QC Manager