

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 19:55:06

Date of Next Testing: 2024-03-01 19:55:06

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

CAS Number: 1306-24-7

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

Lot #: B2328822

SKU #: **C396240**

Version: **3**

Analysis #: **187788**

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

Parameter	Limit Values	Result
Full Width at Half Maximum	<34 (nm)	33.00000 nm
Concentration	45-55 (μmol/L)	50.00000 μmol/L
Peak Emission Wavelength	615-635 (nm)	628.80000 nm



John Su
QA & QC Manager