

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-01 11:57:25  
Date of Next Testing: 2026-11-30 11:57:25  
Product Name: **Cadmium selenide quantum dot (CdSe core)**  
CAS Number: 1306-24-7(solution)  
Specifications & Purity: 50umol/L in hexanes,525nm peak emission  
Lot #: K2229381  
SKU #: **C396218**  
**Analysis: 143360**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Peak Emission Wavelength	520-530 (nm)	526.00000 nm
Full Width at Half Maximum	<35 (nm)	27.00000 nm
Concentration	45-55 (μmol/L)	50.00 μmol/L
Appearance(C396218)	Orange Liquid	Orange liquid



John Su  
QA & QC Manager