

Certificate of Analysis

Date of Testing: 2022-06-25 16:09:42

Date of Next Testing: 2026-06-24 16:09:42

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

CAS Number: 1306-24-7(solution)

Specifications & Purity: stabilized with ODPA/TOPO , fluorescence emission 540-550 nm , uv absorption 510-540 nm , 50 μ mol/L in hexanes

Lot #: F2224271

SKU # **C396224**

Version **3**

Analysis #: **087324**

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

Parameter	Limit Values	Result
Emission Wavelength	540-550(nm)	548.00 nm
Concentration in hexanes	45-55 (μ mol/L)	50.00000 μ mol/L
Full Width at Half Maximum	10-30(nm)	26.00000 nm
Absorbance Wavelength	510-540(nm)	538.00000 nm
Appearance(C396224)	Clear Red-Orange to Red Liquid	Clear Red-Orange to Red Liquid



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QA & QC Manager