

## Certificate of Analysis

Date of Testing: 2024-02-06 13:51:00  
Date of Next Testing: 2025-02-05 13:51:00  
Product Name: **CdSe/ZnS Quantum Dots,COOH functionalized**  
CAS Number:  
Specifications & Purity: fluorescence  $\lambda_{em}$  540 nm,8 $\mu$ mol/L in H<sub>2</sub>O  
Lot #: H2215187  
SKU #: **C139692**  
**Analysis: 320364**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Quantum yield	$\geq 30$ (%)	30.00 %
Concentration in H <sub>2</sub> O	7.5-8.5 ( $\mu$ mol/L)	8.00 $\mu$ mol/L
L x W	0-30 (nm)	30.00 nm
Emission Wavelength	538-542 (nm)	540.00 nm



John Su  
QA & QC Manager