

## Certificate of Analysis

Date of Testing: 2024-09-10 16:05:42  
Date of Next Testing: 2025-09-10 16:05:42  
Product Name: **CdSe/ZnS Quantum Dots,COOH functionalized**  
CAS Number:  
Specifications & Purity: fluorescence  $\lambda_{em}$  605 nm,8 $\mu$ mol/L in H<sub>2</sub>O  
Lot #: H2130095  
SKU #: **C139705**  
Version: **0**  
Analysis #: **409563**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Emission Wavelength	603-607 (nm)	604.98 nm
L x W	0-30 (nm)	14.18 nm
Concentration in H <sub>2</sub> O	7.5-8.5 ( $\mu$ mol/L)	7.89 $\mu$ mol/L
Quantum yield	$\geq$ 30 (%)	34.58 %



John Su  
QA & QC Manager