

## PRODUCT IDENTITY

|                 |                                                                       |                |         |
|-----------------|-----------------------------------------------------------------------|----------------|---------|
| PRODUCT NAME    | CdSe/ZnS Quantum Dots                                                 | PRODUCT NUMBER | C139745 |
| Grades & Purity | fluorescence $\lambda_{em}$ 645 nm, 8 $\mu$ mol/L in H <sub>2</sub> O | VERSION        | 3       |

## ACCEPTANCE CRITERIA

| PARAMETER                         | SPECIFICATION / LIMIT  |
|-----------------------------------|------------------------|
| L × W                             | 0-30 (nm)              |
| Concentration in H <sub>2</sub> O | 7.5-8.5 ( $\mu$ mol/L) |
| Quantum yield                     | $\geq 30$ (%)          |
| Emission Wavelength               | 643-647 (nm)           |
| Solvent(H <sub>2</sub> O)         | Conform                |