
Technical Specification of CdSe QDs in Water

Description: QCH is a group of CdSe quantum dots with mercaptopropionic acid coating. Their emission efficiency is low due to organic thiol ligand. These QDs can be used for fabrication of solar cells.

Catalog number: QCH
Product name: Water soluble CdSe quantum dots
Solvent: Water
Storage: 4-25°C.
Shelf life: 6 months

	QCH-580
Emission (nm)	580
Peak Tolerance (nm)	+/- 10
FWHM* (nm)	<30
Surface Ligand	Mercaptopropionic acid

*FWMH: Full Width of Half Maximum

For R&D only. Not intended for food, drug, household, agricultural, or cosmetic use.

Ocean NanoTech, LLC shall not be held liable for any damage resulting from handling or contact with the above product.