

Technical Specification of CdSe QDs in Toluene

Description: QCO is a group of CdSe quantum dots dispersed in toluene. Their emission efficiency is low since most of their free organic ligands are removed, It can be used for solar cell fabrication.

Catalog number: QCO
Product name: CdSe quantum dots in toluene.
Solvent: Toluene
Storage: 4-25°C. Do not freeze.
Shelf life: 12 months
Concentration: 10-35 mg/mL
Volume: 5-15 mL

	QCO500	QCO520	QCP540	QCO560	QCO580	QCO600	QCO620
Emission (nm)	500	520	540	560	580	600	620
Peak Tolerance (nm)	10	10	10	10	10	10	10
FWHM* (nm)	<25	<25	<25	<25	<25	<25	<25
Surface Ligands	Octadecylphosphonic acid		Octadecylamine				

*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.