

Technical Specification of CuInS/ZnS QDs in Toluene

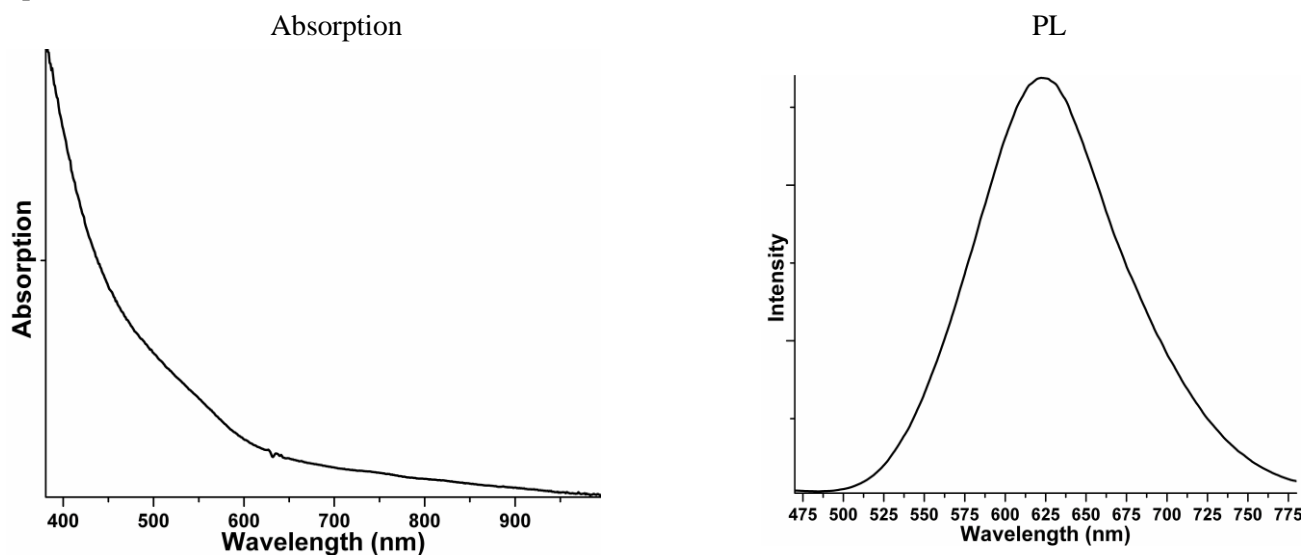
Description: CuInS/ZnS is a group of Copper Indium Sulfide/Zinc Sulfide core/shell quantum dots dispersed in toluene. The emission efficiency is about 20% with FWHM of 100 nm. Their surface ligand is dodecanethiol. These QDs can be used for fabrication of solar cells.

Catalog number:	CSS
Product name:	CuInS/ZnS quantum dots in toluene.
Solvent:	Toluene
Storage:	25°C.
Shelf life:	6 months
Concentration:	25 mg/mL
Volume:	2 mL Order dependant

	CSS-650	CSS-700	CSS-750	CSS-800
Emission (nm)	650	700	750	800
Peak Tolerance (nm)	25	25	25	25
FWHM* (nm)	<100	<100	<100	<100
Surface Ligands	Dodecanethiol	Dodecanethiol	Dodecanethiol	Dodecanethiol

*FWHM: Full Width of Half Maximum

Spectra:



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.

