



Cadmium Telluride Quantum Dots

Composition	Cadmium Telluride Quantum Dots
Stabilizing ligand	Octadecylphosphonic Acid (ODPA)
Concentration	Order amount dependent
Organic Impurities	<1% (not including ligands)
Lifetime	One-year if stored properly. Dark at 2-8°C
Solvent*	Toluene
Volume	Order amount dependent
PL FWHM (nm)	60-68
UV-Vis FWHM (nm)	32-40
Quantum Yield	>20%

*Other solvents are available upon request.

Catalogue #	UV Peak (nm)	Emission Peak (nm)	Size (nm)	nmol/mg
CT-640	620 ± 10	640 ± 10	4.5	6.0