



Technical Data Sheet

ACS Material Carboxylated Carbon Quantum Dots (Carboxylated CQDs)

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1. Characterizations

Products No.	Carboxylated CQDs
Excitation wavelength (nm)	360~500
Emission wavelength (nm)	540~580
Quantum Yield	≥40%
Full Width at Half Maximum (nm)	≤100
Concentration	10mg/ml
Carrier	Water/Methanol
Shelf life	6 months

2. Applications

- 1) Composite materials
- 2) Fluorescence imaging
- 3) Optoelectronic devices
- 4) Fluorescent materials

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