

Specification Sheet

Carboxyl Carbon Dots Blue

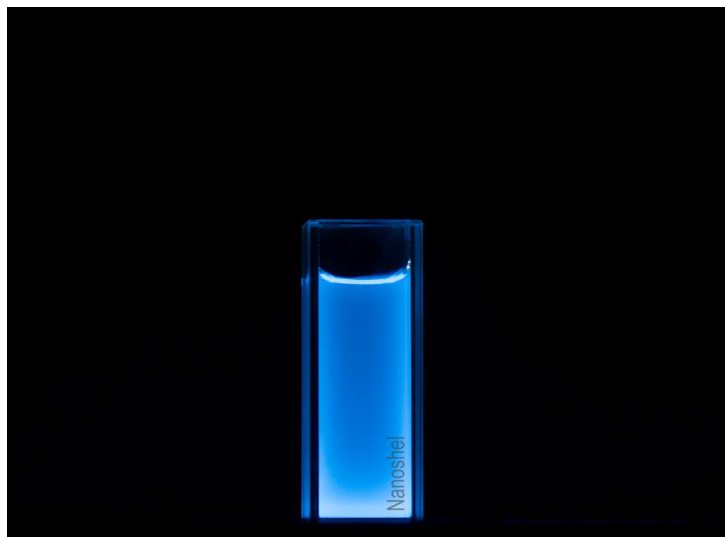
(C-dots, Purity: 99.99%, Emission: 450-460nm)

Stock No: NS6130-12-001387, CAS: 7440-44-0

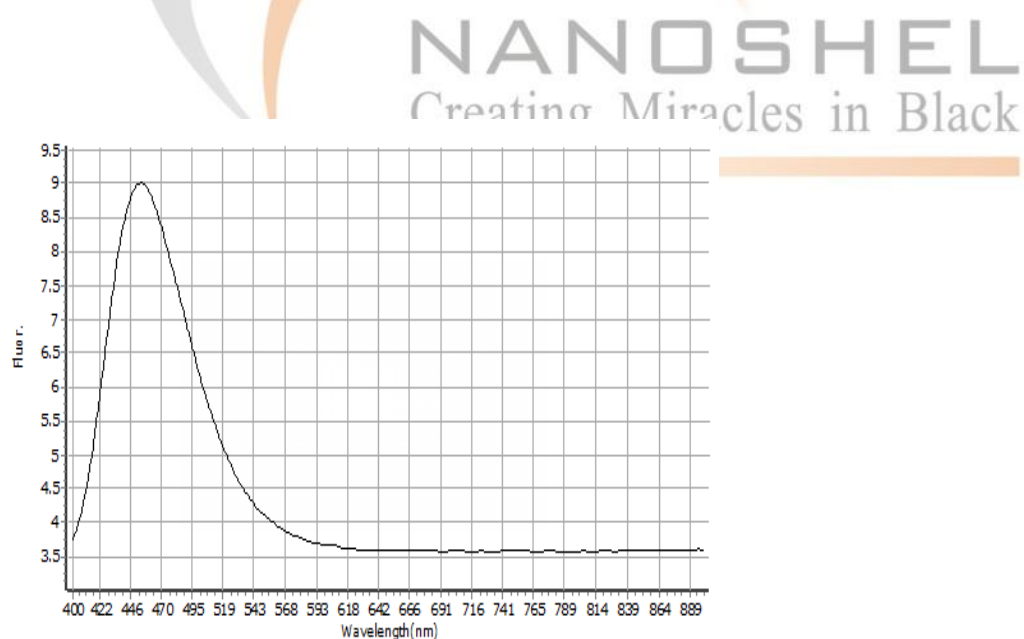
Product	:	Carboxyl Carbon Dots Blue
Stock No	:	NS6130-12-0001387
CAS	:	7440-44-0
Purity	:	99.99%
Molecular Formula	:	C
Molecular Weight	:	12.01 g/mol
Surface Modified	:	COOH
Density	:	1.0032 g/mL
Emission Wavelength	:	450-460nm
Excitation Wavelength	:	365nm
Concentration	:	0.0074mg/mL
Solvent	:	Water
Fluorescence Color	:	Bright Blue
Applications	:	Bioimaging and biomedicine delivery systems, solar cells, supercapacitors, catalysts etc.
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Carboxyl Carbon Dots Blue



Fluorescent Color - Bright Blue



Fluorescence Spectroscopy - Carboxyl C-dots