

## Specification Sheet

**Carbon Quantum Dots Blue**

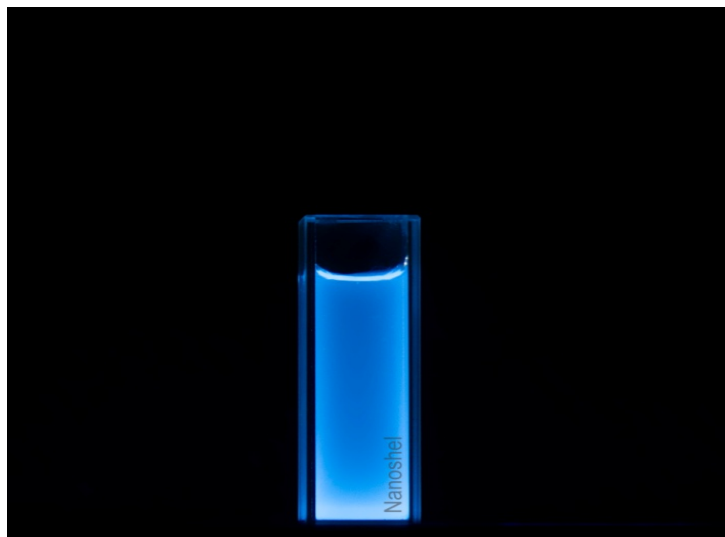
(C-dots, Purity: 99.99%, Emission: 452nm)

Stock No: NS6130-12-001389, CAS: 7440-44-0

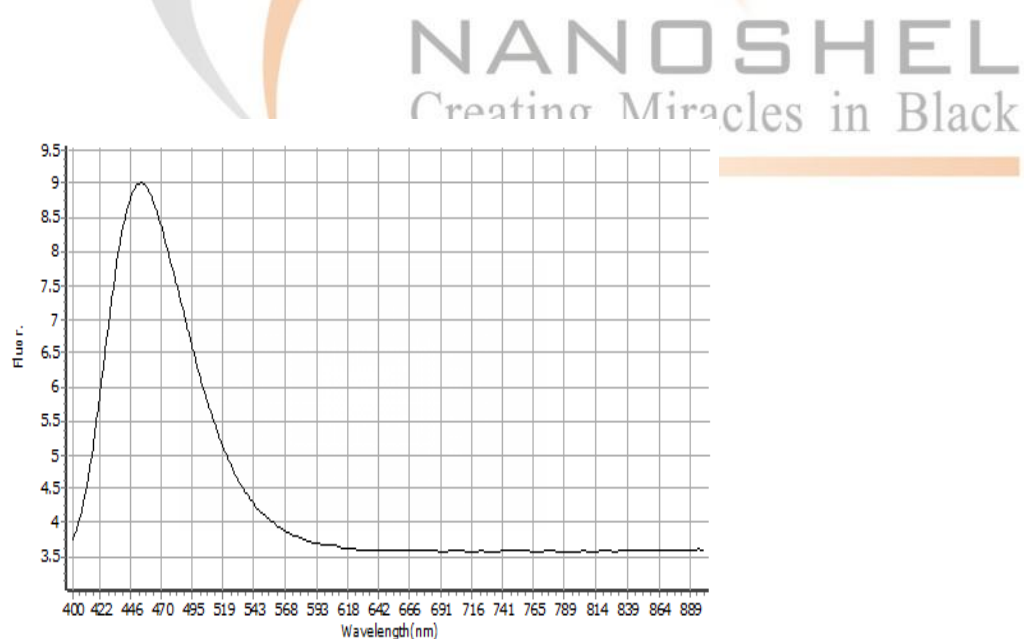
<b>Product</b>	:	<b>Carbon Quantum Dots Blue</b>
Stock No	:	NS6130-12-001389
CAS	:	7440-44-0
Purity	:	99.99%
Molecular Formula	:	C
Molecular Weight	:	12.01 g/mol
Density	:	1.0032 g/mL
Emission Wavelength	:	452nm
Excitation Wavelength	:	365 nm
Solvent	:	Distilled Water
Fluorescence Color	:	Bright Blue
Applications	:	Bioimaging and biomedicine delivery systems, solar cells, supercapacitors, catalysts etc.
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Carbon Quantum Dots Blue



Fluorescent Color - Bright Blue



Fluorescence Spectroscopy - C-dots