

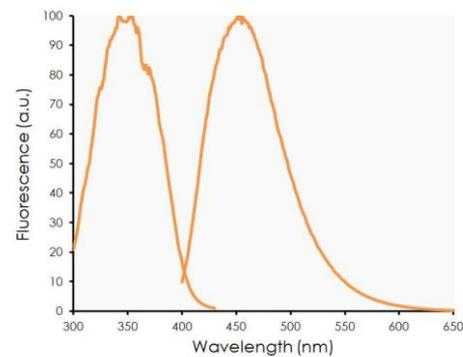
Nanovex Luminescence Carbon Dots

Nanovex Carbon Dots show excellent luminescent properties, and there are a suitable alternative to conventional fluorescence nanoparticles.

Nanovex Carbon Dots have an excellent chemical stability, good biocompatibility and low toxicity. Their high resistance to photobleaching turn Nanovex Carbon Dots into a promising fluorescence label in applications in areas such as bioimaging or sensors.

LUMINESCENCE PROPERTIES:

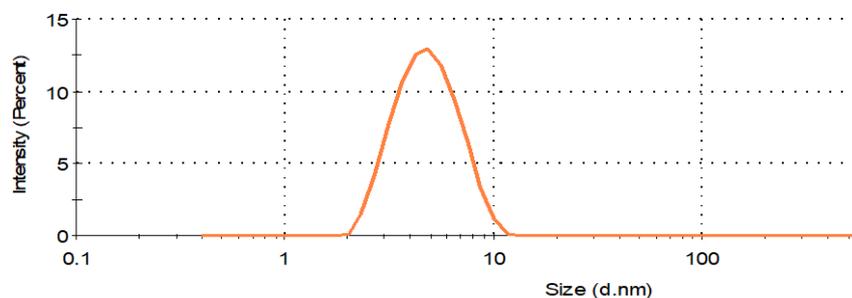
- ✓ Maximum emission ~ 450 nm.
- ✓ Highly photostability
- ✓ Bright fluorescence QY > 30%
- ✓ Ideal candidates for labelling and tracking purposes.
- ✓ Nanoparticle size similar to proteins.



Nanovex Carbon Dots Luminescence Spectra

ADDITIONAL INFORMATION:

Nanovex Carbon Dots are available dispersed in water, which is also an additional advantage since the transfer from an organic to an aqueous media is not necessary. Furthermore, these fluorescent nanoparticles are obtained employing as raw material several biocompatible compounds.



An example of a sample of Nanovex Carbon Dots analyzed by DLS (Dynamic Light Scattering).

Learn more about Nanovex
CARBON DOTS, visit us online
www.nanovexbiotech.com

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