

Go Quantum Dots, Yellow

Cat: NM000400

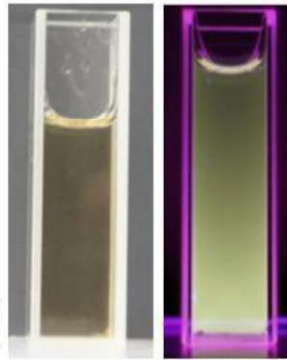
Specification: 100mg

Storage: Sonicate at 700 W for 30 min if dispersion needed. The dispersion should be formulated immediately before its application. Sealed, avoid light, and keep at 4 °C . Expiry date: Six months before unsealing.

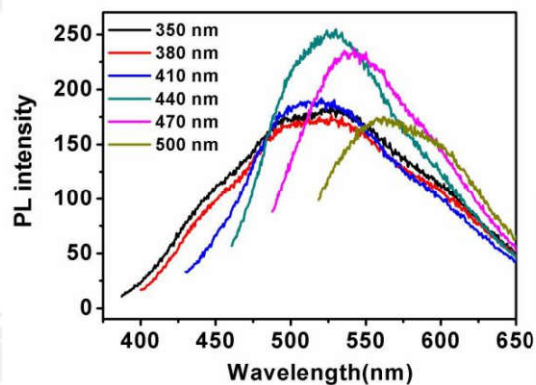
Product Introduction:

Product name	GO quantum dots
Layers	1-5 L (AFM /TEM)
Thickness	1-2nm (HRTEM)
Transverse dimension	5-15 nm (AFM /TEM)
at.%)	10%

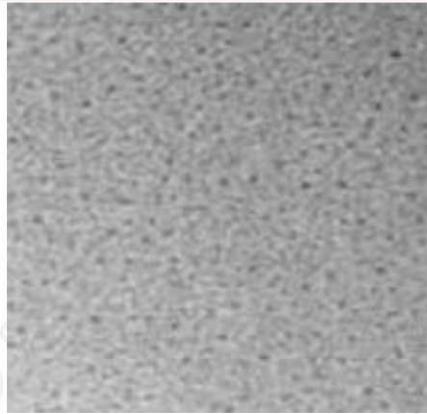
Representation Test Diagram:



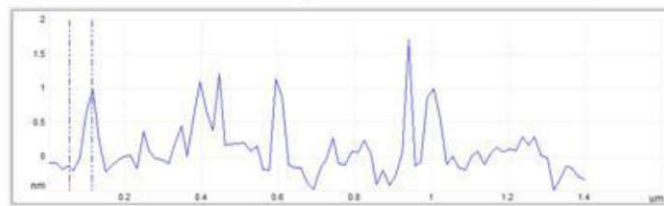
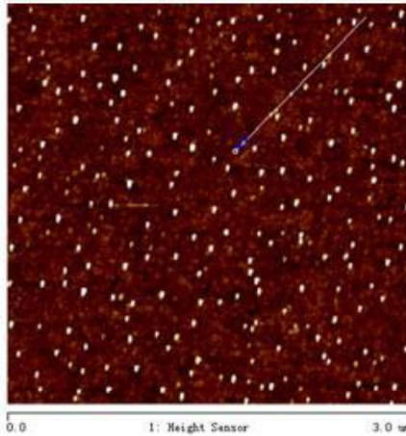
Photos of GO quantum dots in water (left) and under UV light at 365 nm (right)



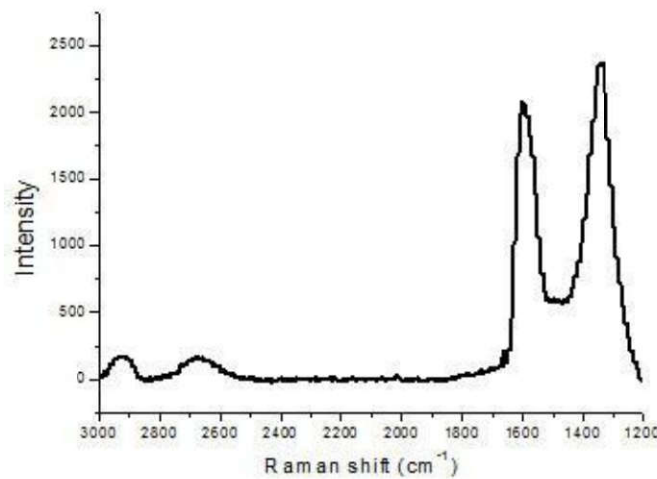
PL spectrum of GO quantum dots in water



TEM of GO quantum dots in water (0.2 μ m)



AFM of GO quantum dots in water



Raman spectrum of GO quantum dots in water

Application:

Composite materials, bio-labeling, optoelectronic devices, fluorescence materials etc.

Note:

1. This product is for scientific research use only. Do not use for medical, clinical diagnostic or therapeutic, food or cosmetic purposes. Do not store in ordinary residential areas.
2. For your safety and health, please wear a laboratory coat and wear disposable gloves and masks to operate.