

## GO quantum dots solvent

**Cat:** NM000392

**Specification:** 100ml

**Storage:** Sealed, avoid light, and keep at 4°C. Expiry date: 6 months.

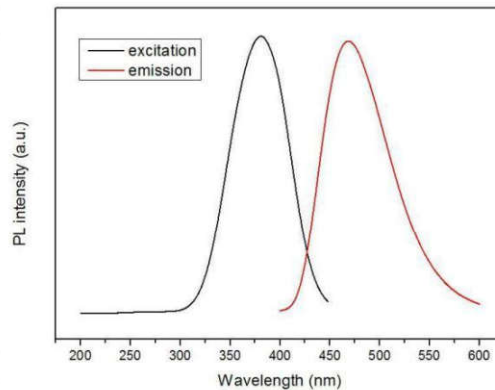
### Product Introduction:

|                  |  |
|------------------|--|
| Product name     | GO quantum dots solvent                                    |
| Synthesis method | Organic synthesis method<br>Contain a small amount of NaOH |
| Light intensity  | With high luminous intensity                               |
| Size             | <15 nm   |
| Concentration    | 20mg/ml  |
| at.%             | 10%  |

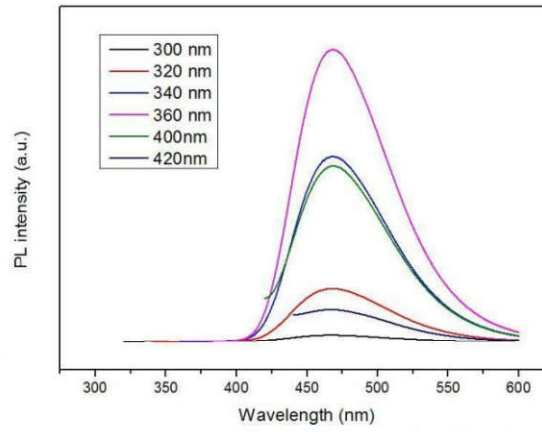
### Representation Test Diagram:



Photos of GO quantum dots solution at 365 nm UV lamp (left) and under natural light (right)

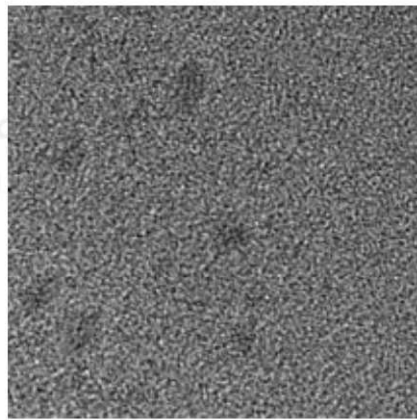


PL spectrum of GO quantum dots

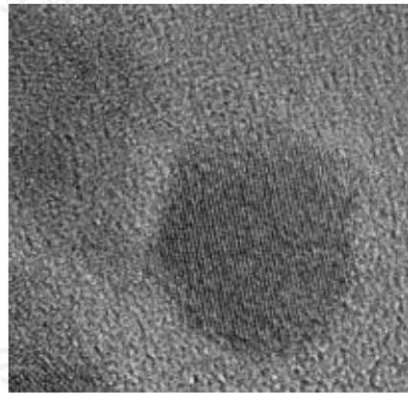


PL spectrum of GO quantum dots

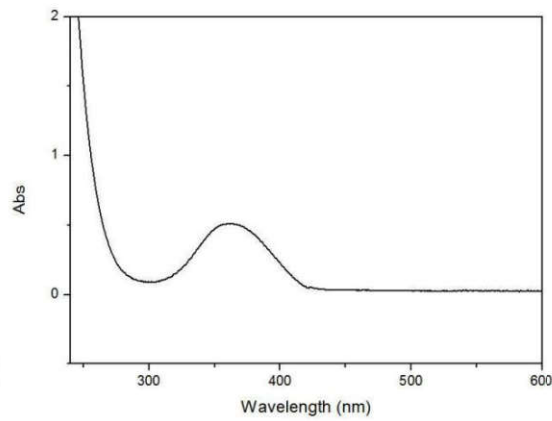
(Note: This spectrum is a single measurement data, allowing floating between different batches.)



TEM of GO quantum dots (20nm)



TEM of GO quantum dots (2nm)



Absorption spectrum of GO quantum dots

**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.