



## EDTA Modified Graphene Oxide

Cat. No. GRA-XF013

Lot. No. (See product label)

<b>Cat.No</b>	GRA-XF013
<b>Product Name</b>	EDTA Modified Graphene Oxide
<b>Common Name</b>	EDTA Modified Graphene Oxide
<b>Synonyms</b>	EDTA Modified Graphene Oxide
<b>Product overview</b>	<p>After modification by amino, the surface charge and properties of graphene oxide change, which greatly broadens the application of graphene oxide. The surface activity of amino is enhanced: the presence of amino groups significantly improves its surface chemical activity, which can interact more actively with other substances. In addition, amino groups can serve as reaction sites, which facilitates subsequent chemical modification and functionalization to meet different application requirements. The multiple amino groups in the DETA molecule can react with oxygen groups (such as hydroxyl and carboxyl) on the surface of graphene oxide to form covalent bonds or hydrogen bonds, thereby introducing amino functional groups into the surface of graphene oxide. This modification not only changes the surface properties of graphene oxide, but also enhances its ability to interact with other molecules.</p>
<b>Morphology &amp; Appearance</b>	Black Powder
<b>Size</b>	Diameter: 0.5-10 $\mu$ m Thickness: $\leq$ 5nm
<b>Storage</b>	Keep dry at room temperature.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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