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o-(carboxymethyl)-chitosan membranes: Fabrication using

dialysis and applications in water purification

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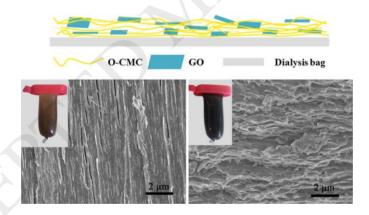
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### Graphical abstract



## **Abstract**

The membranes of O-(carboxymethyl)-chitosan (O-CMC), O-CMC-graphene oxide (GO) and O-CMC-reduced graphene oxide (rGO) are prepared by dialysis method, respectively.

The membrane structures and properties are investigated with different techniques. Fourier

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