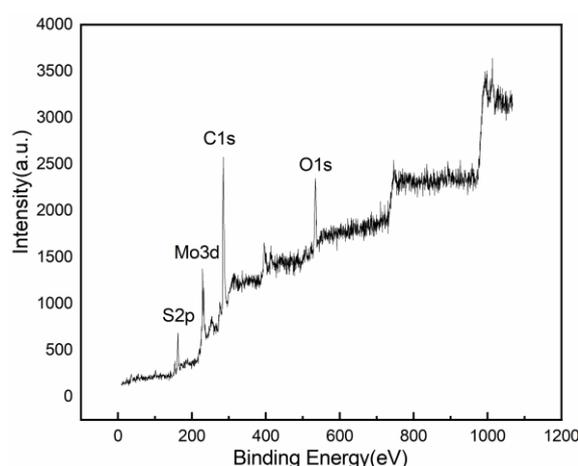


Supplementary

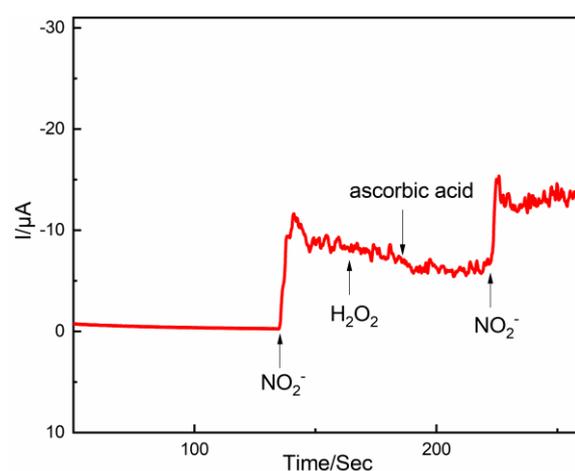
# MoS<sub>2</sub>/MWCNT-COOH-Modified Glassy Carbon Electrode for Nitrite Detection in Water Environment

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**Figure S1.** The full XPS spectrum of MoS<sub>2</sub>/MWCNT-COOH composites.



**Figure S2.** The *i-t* curves of MoS<sub>2</sub>/MWCNT-COOH/GCE in 0.1 M PBS added with nitrite (250 μM) and other interfering chemicals (hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) and ascorbic acid 500 μM respectively).

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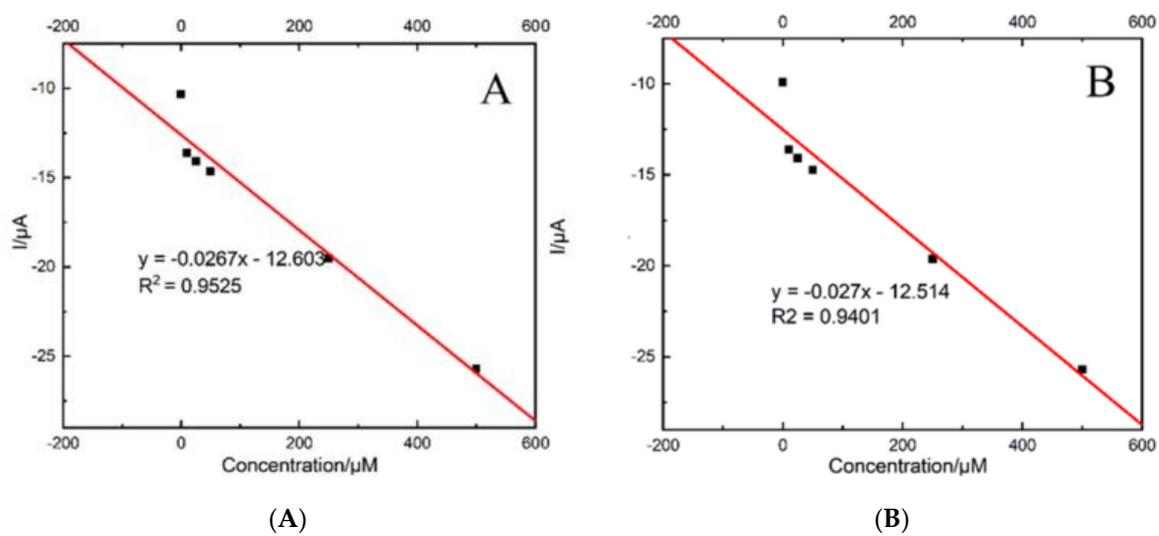
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**Figure S3.** (A) The standard addition calibration curves of tap water, (B) The standard addition calibration curves of river water.