**Supporting Information for;**

**In-situ synthesis of CsTi2NbO7@g-C3N4 core-shell heterojunction with excellent electrocatalytic performance for the detection of nitrite**

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**FIG. S1** TG-DTA thermograms for heating NTCN composite.

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**FIG. S2** HRTEM image of NTCN composite.



**FIG. S3** N2 adsorption/desorption isotherms of g-C3N4 (a) and NTCN (b). Pore size distribution curves of g-C3N4 (c) and NTCN (d).

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**FIG. S4** (a) CVs of NTCN/GCE in 0.1 mol L-1 PBS (pH = 7.0) containing 3.28 mmol L-1 nitrite with different pH values, scan rate: 100 mV s-1. (b) The anodic peak current against pH values.