

Supplementary Material

The Electrochemical Sensor Based on Electrochemical Oxidation of Nitrite on Metalloporphyrin-Graphene Modified Glassy Carbon Electrode

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Table S1: Analytical parameters reported for some modified electrodes towards nitrite detection

Modified electrode	Fabrication method	Detection method	Linear range	Detection limit	Reference
PEDOT/Graphene modified electrode	Immobilize	Amperometry	0.5-240 μM	0.15 μM	[1]
Graphene nanoplatelet-protein composite film	Deposition	Amperometry	50 μM -2.5mM	10 mM	[2]
HAC modified GCE	Deposition	Amperometry and DPV	1-127 μM	0.07 μM	[3]
CR-GO modified GCE	Deposition	Amperometry	8.9-167 μM	1.0 μM	[4]
CoOx/MWCNTs/GCE	Deposition	Amperometry	0.5-250 μM	0.3 μM	[5]
GCE/f-ZnO@rFGO	Deposition	Amperometry	10 μM -8 mM	33 μM	[6]
GC/GO-Ag nanocomposite	Deposition	Amperometry LSV	10-180 μM	37 μM 2.1 μM	[7]
GO-MnNH ₂ TPP	Deposition	Amperometry	10-160 μM	2.5 μM	This work

References

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