

Hydrazine electrooxidation mediated by transition metal octaethylporphyrins-modified electrodes

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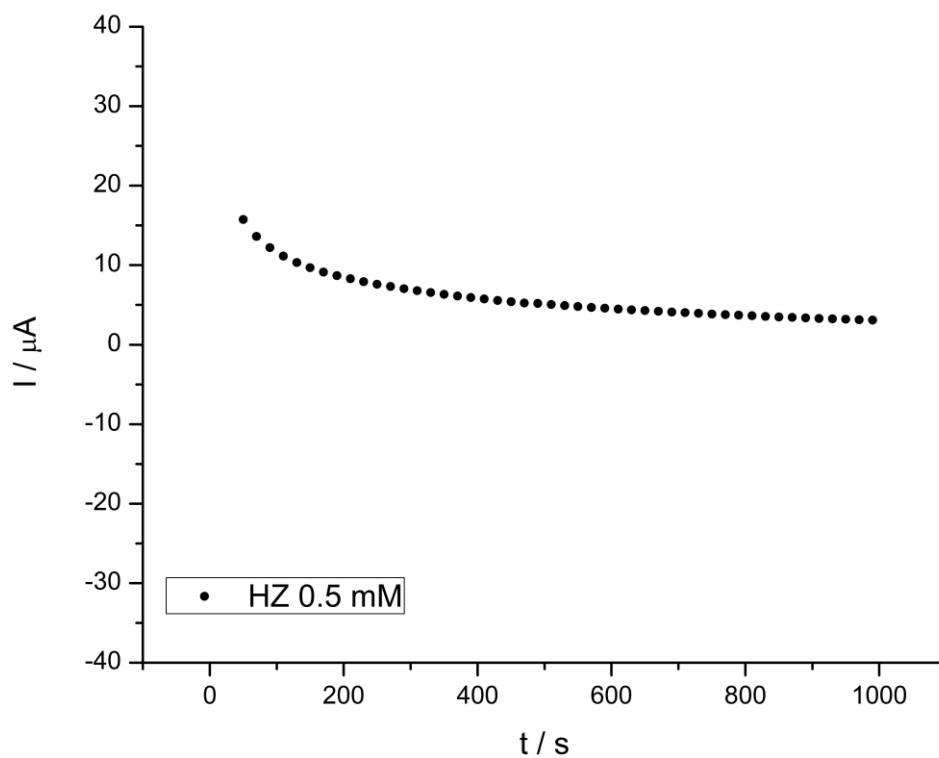


Figure S1. Chronoamperometric curve for GC-Co^{II}OEP system at -0.4 V in a 0.5 mM of hydrazine in 0.066 M phosphate buffer solution, pH 7.0, purged in Ar. Total time of experiment: 1000 s.

Table S1. Comparison of limits of detection (LOD) found on different reported systems

System	Limit of detection (LOD)
GC - Co(II)OEP (this study)	$5.2 \times 10^{-5} \text{ mol L}^{-1}$
Hexacyanoferrate-Decorated Titania Nanotube: CoHCF@TNT Modified GCE ²⁷	$1.0 \times 10^{-3} \text{ mol L}^{-1}$
FePc-linked-MPyr-SAM-modified Au electrode ²⁸	$1.1 \times 10^{-5} \text{ mol L}^{-1}$
Vitamin B-12 adsorbed onto GC electrode ²⁹	$1.0 \times 10^{-4} \text{ mol L}^{-1}$