Supporting Information

Gastrointestinal Tract mechanism of nitrite capture modelled on the Self Assembled Monolayer of Thioproline for electrochemical Nitrite Determination.

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Contribution of Nimisha Singh and Khushbu Patel is major and equal.

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Figure S1. Cyclic voltammogram showing effect of time on the nitrite ion stability (A) intraday and (B) inter day cyclic voltammetry analysis.



Figure S2. Effect of scan rate on the cyclic voltammograms of THP-SAMs upon addition of NO₂⁻ (2mM, pH 2.5, HCl); Inset: Current Density vs. Scan rate graph for the cyclic voltammogram of NO₂⁻ on THP-SAMs coated gold electrode.



Figure S3: Voltammetric curve (Current Density vs. NO₂⁻ Concentration) for determination of NO₂⁻ on THP-SAMs coated gold electrode by cyclic voltammetry at pH 2.5.



Figure S4: DLS measurements and average particle size of (A) GNPs (B) THP-GNPs and (C) NTCA-GNPs.