

Corrosion Inhibition of Mild Steel Using Eco-Friendly Porous Nanocarbon Derived from Waste Mango Kernels: A Step Towards Sustainability

Anvitha Murari^a, Arathi A^b, Uraiwan Sirimahachai^c, Srilatha Rao^b, Gurumurthy Hegde^{a*}

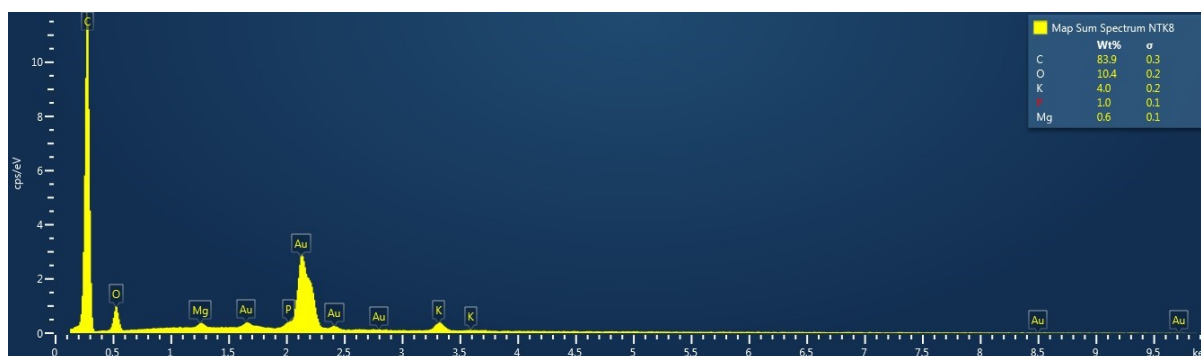


Fig. S1 EDS of MK800.

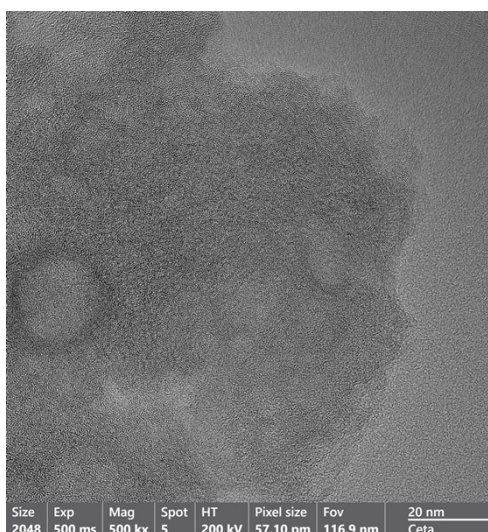


Fig. S2 TEM image of MK800.

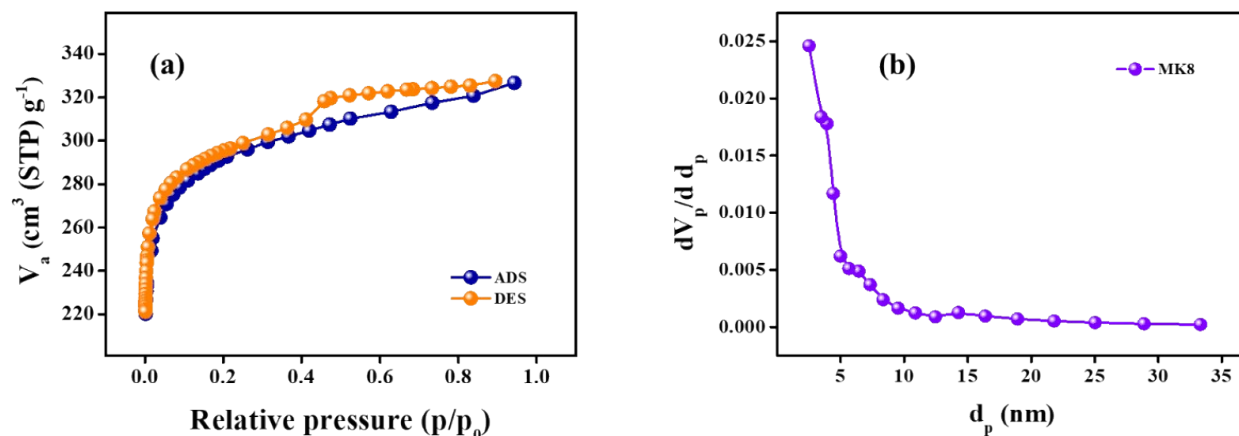


Fig. S3 (a) BET adsorption–desorption isotherm and (b) pore-size distribution of MK800.

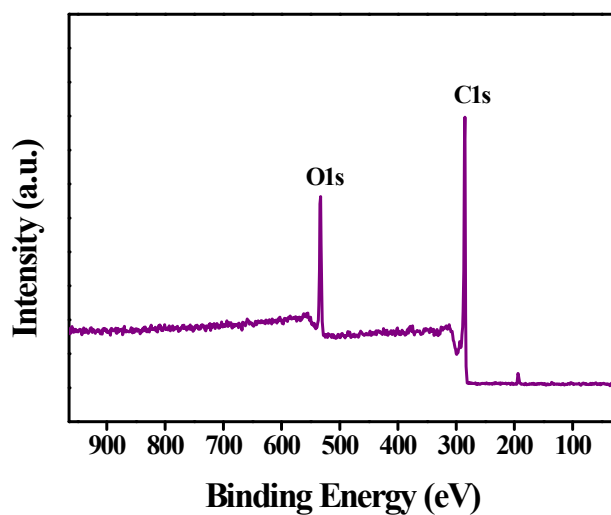


Fig. S4 XPS survey spectra of MK800.

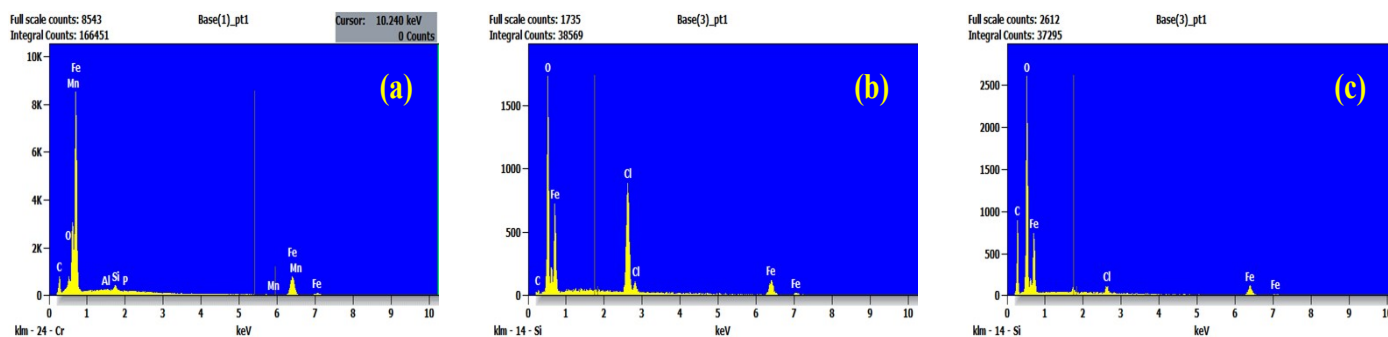


Fig. S5 EDS of (a) polished, (b) uninhibited, and (c) inhibited MS samples at 298 K.