

## Synthesis and evaluation of an environmentally benign terpolymer as a novel corrosion inhibitor for oil-well acidizing

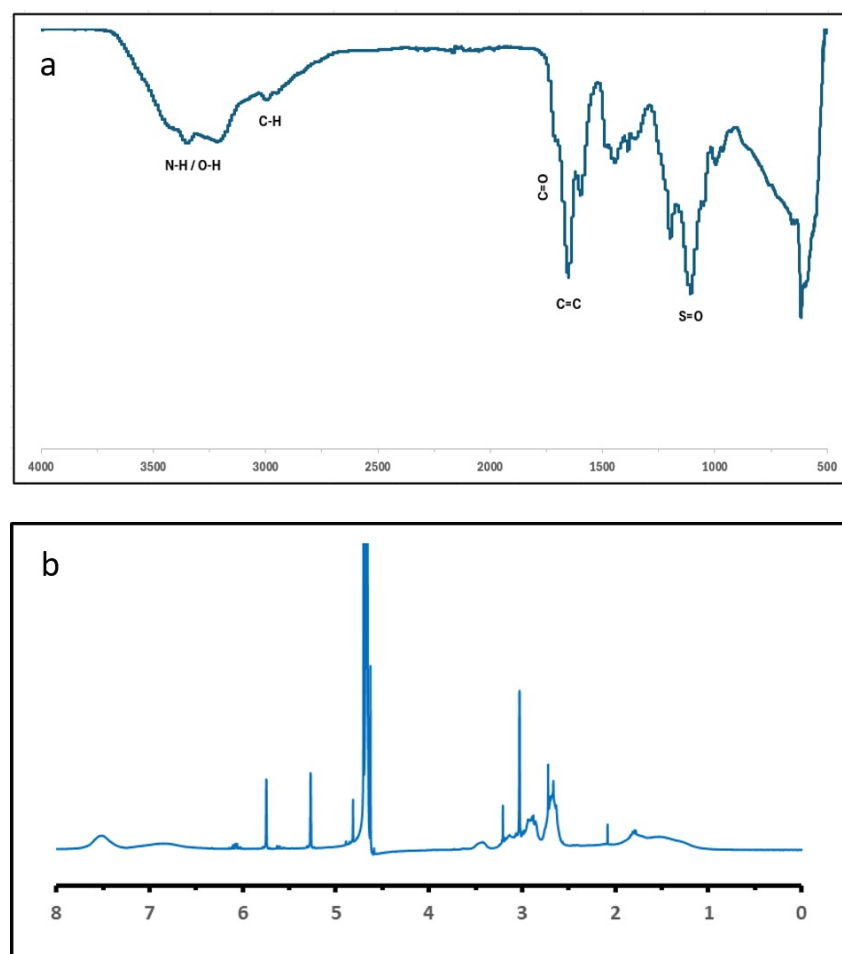
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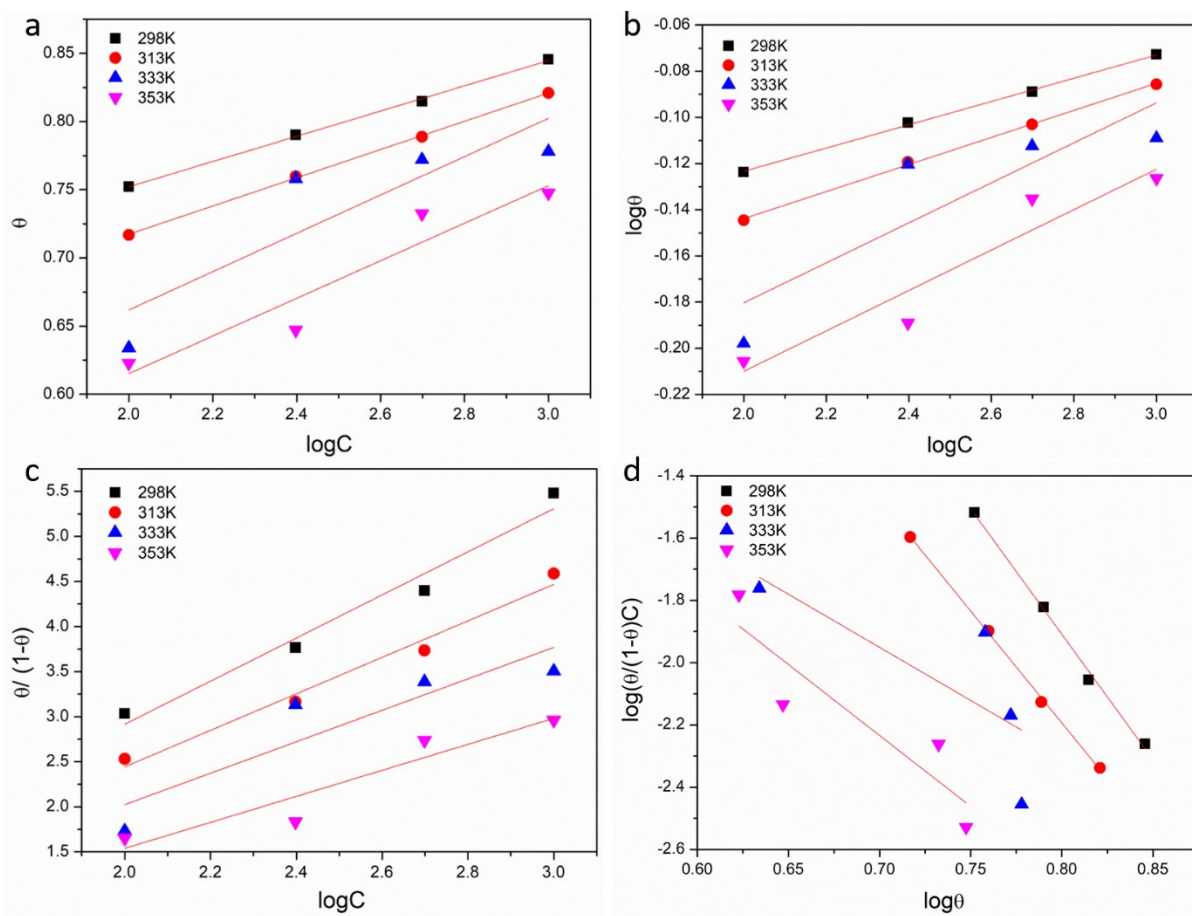
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**Fig. S1** (a) FTIR and (b) <sup>1</sup>H NMR of synthesized PIAS.



**Fig. S2** Plots of different adsorption isotherms used for fitting weight loss data (a) Temkin, (b) Freundlich, (c) El-Awady, (d) Frumkin isotherm.