



Retraction Note to: Experimental and Quantum Studies on Adsorption and Corrosion Inhibition Effect on Mild Steel in Hydrochloric Acid by Thiophene Derivatives

M. Yadav¹ · Debasis Behera¹ · R. R. Sinha¹ · P. N. Yadav²

Published online: 26 October 2018

© The Chinese Society for Metals and Springer-Verlag GmbH Germany, part of Springer Nature 2018

Retraction Note to:

Acta Metall. Sin. (Engl. Lett.)

<https://doi.org/10.1007/s40195-013-0012-4>

The editor has retracted this article [1] because Figure 7a–7d, as well as parts of the text were duplicated from the following article [2]. There is also substantial overlap with article [3] that has been retracted due to duplicate publication [4]. The data reported in this article are therefore unreliable. All authors agree to this retraction.

1. M. Yadav et al., Experimental and quantum studies on adsorption and corrosion inhibition effect on mild steel in hydrochloric acid by thiophene derivatives. *Acta Metall. Sin. (Engl. Lett.)* **27**(1), 37–46 (2014). <https://doi.org/10.1007/s40195-013-0012-4>
2. S. Kumar et al., Experimental and quantum chemical studies on corrosion inhibition effect of synthesized organic compounds on N80 steel in hydrochloric acid. *Ind Eng Chem Res.* **52**(39), 14019–14029 (2013). <https://doi.org/10.1021/ie401308v>
3. M. Yadav et al., Experimental and quantum studies on adsorption and corrosion inhibition effect of imidazole derivatives on N80 steel in hydrochloric acid. *Surf. Rev. Lett.* **20**(6), (2013). <https://doi.org/10.1142/s0218625x13500571>
4. M. Yadav et al., Notice of retraction: experimental and quantum studies on adsorption and corrosion inhibition effect of imidazole derivatives on N80 steel in hydrochloric acid. *Surf. Rev. Lett.* **25**(4), (2018). <https://doi.org/10.1142/s0218625x18930010>

The original article can be found online at
<https://doi.org/10.1007/s40195-013-0012-4>.

✉ M. Yadav
yadav_drmahendra@yahoo.co.in

¹ Department of Applied Chemistry, Indian School of Mines, Dhanbad 826004, India

² Department of Physics, Post Graduate College, Ghazipur 133002, India