

## **INHIBITIVE EFFECTS OF SOME SCHIFF'S BASES ON CORROSION OF MILD STEEL IN SULPHURIC ACID SOLUTION**

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### **Abstract**

The corrosion inhibition of mild steel in acidic solution  $H_2SO_4$  {0.5N (24hr)} by schiff's bases viz.-N-(vanillin)-p-toludine (SB<sub>1</sub>), N-(vanillin) –p-anisidine (SB<sub>2</sub>) and N-(anisaldehyde)- $\alpha$ -naphthyl amine (SB<sub>3</sub>) has been studied by mass loss method. Coefficient of correlation is used to find the best Schiff's base with respect to efficiency.

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**Keywords:** corrosion inhibition, weight loss method, mild steel correlation.