**ABSTRACT**

This paper is focused on the variation in corrosion inhibition efficiency of a Schiff base in acid environment. A new Schiff base has been synthesized from heterocyclic amines and aldehyde. The synergistic effect was studied using KCl, KBr and KI. The results showed that the inhibition efficiency increased with increasing concentration and enhanced with the addition of halide ions. The synergism parameter was also calculated.