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Degradation of chlorophenols by fenton and photo-fenton processes

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Abstract :

The domestic use and industrial activity, of especially impact among the developed countries, generate high amounts of residual wastewater, whose direct disposal to natural channels causes a considerable effect in the environment. This fact, together with the need to restore this water for new uses, makes practically essential the purification of wastewater to achieve the desired degree of quality.

Advanced oxidation processes (AOPs) constituted a promising technology for the treatment of wastewaters containing non-easily removable organic compounds.

Key Words :

4-chlorophenol; 2,4-dichlorophenol; Fenton; Photo-Fenton.