

## **An Evaluation of Fish Scales as Potential Adsorbents: pH and Concentration Effect**

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### **ABSTRACT**

Experimental investigations on removal of lead contamination from polluted water by adsorption technique using local fish scales i.e. Tilapia and Merah (*Oreochromis* and *Lutjanus*). The fish scales adsorbent equilibrated nearly approaching 100% of Pb uptake over the range of concentrations and pH studied. Unexpectedly, the performance of fish scales as an adsorbent is better as compared to commercially available activated carbon.

**KEYWORDS:** Activated Carbon, Adsorbent, Adsorption Carbon, Fish Scales

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