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Title: Treatment of tannery saline wastewater by using effective immobilized protease catalyst produced from salt tolerant *Enterococcus feacalis* 



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## ACCEPTED MANUSCRIPT

# Treatment of tannery saline wastewater by using effective immobilized protease catalyst produced from salt tolerant *Enterococcus feacalis*

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#### HIGHLIGHTS

- Saline tolerant organism was isolated from tannery soil
- Production and characterization of efficient protease was done
- Highly efficient protease was immobilized on f-NPAC via covalent bonding
- The degradation of proteins present in soak liquor was achieved at high saline environment (4-8% of NaCl)

#### Abstract

In this present investigation, the saline tolerant organism *Enterococcus faecalis* was isolated for the degradation of protein content of soak liquor discharged from tanneries. The

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