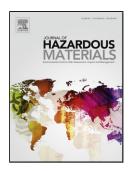
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ACCEPTED MANUSCRIPT

A membrane electroflotation process for recovery of recyclable chromium(III) from tannery spent liquor effluent

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Highlights

- A novel two compartment membrane electroflotation process is proposed.
- Cr³⁺ is recovered from Cl⁻ containing spent liquor without oxidizing into Cr⁶⁺.
- The mechanism of Cr³⁺ removal by electroflotation is discussed.
- Recovered Cr(OH)₃ is successfully reused in the tanning of cowhide.
- Recovered product performance is comparable to available commercial product.

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