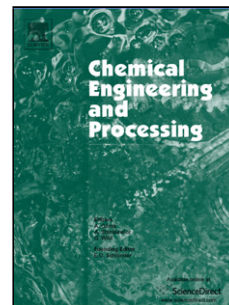


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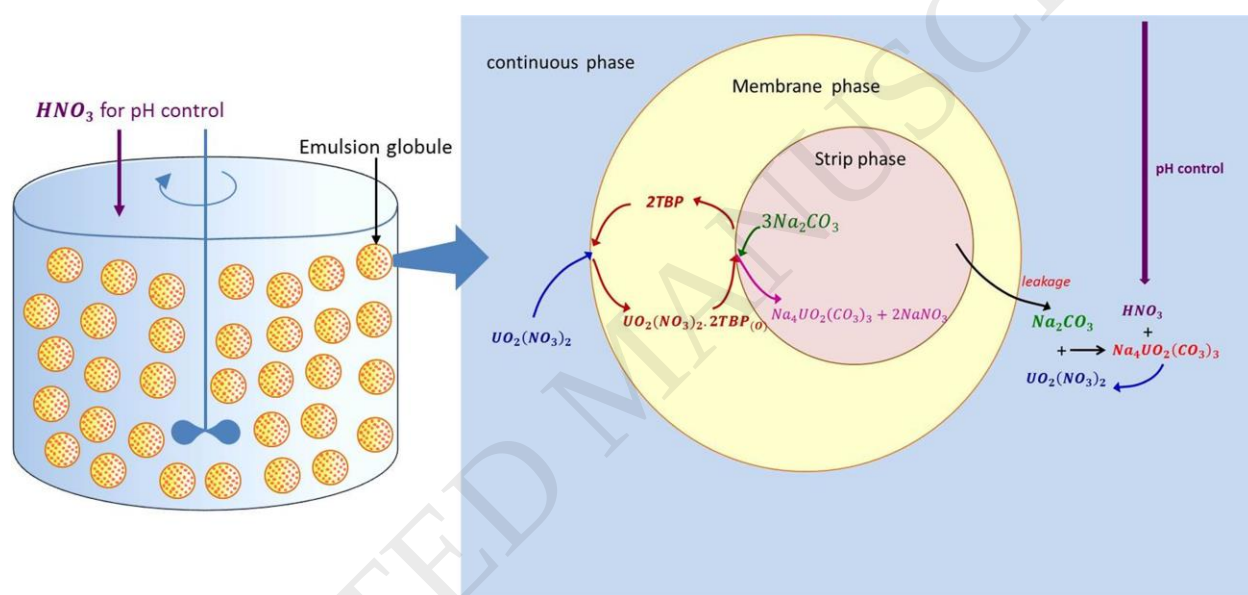
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Graphical abstract



Highlights:

1. ELM extraction of uranium(VI) from NaNO_3 solution studied using TBP-Paraffin- Na_2CO_3 .
2. Emulsion stabilized by (Abil WE 09)-(PAm-co-PAA) shows negligible swelling.
3. pH control prevents deactivation of uranium(VI) caused by leakage of Na_2CO_3 .
4. Near-quantitative extraction of U(VI) with enrichment greater than 60 is achieved.

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