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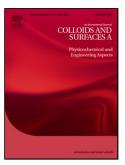
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Graphical abstract

Highlights

- Effect of counterions on 14-E2-14 surfactant.
- Counterions refine physicochemical characteristics of 14-E2-14.
- It may help in designing green-surfactant-salt mixtures for industrial applications.

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