Supporting Information

Ionic Liquids as Adjuvants for the Tailored Extraction of Biomolecules in Aqueous Biphasic Systems

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Av. Murilo Dantas, 300. CEP: 49032-490, Aracaju-Sergipe, Brasil

*Corresponding author

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Table S1 Experimental binodal curve mass fraction data for the system PEG 600 (1) + \( \text{Na}_2\text{SO}_4 \) (2) + \( \text{H}_2\text{O} \) (3) + 5 wt % IL at 298 K

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Table S3 Experimental binodal curve mass fraction data for the system PEG 600 (1) + \( \text{Na}_2\text{SO}_4 \) (2) + \( \text{H}_2\text{O} \) (3) + 5 wt % IL at 298 K

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| 34.825 & 2.811 & 11.123 & 11.602 & 31.450 & 3.426 |
| 27.886 & 4.559 & 22.108 & 6.544 |
| 27.160 & 4.689 & 21.146 & 7.025 |
| 25.874 & 5.135 & 18.958 & 8.073 |
| 25.387 & 5.292 & 17.991 & 8.584 |
| 24.957 & 5.407 & 17.113 & 9.068 |
| 24.323 & 5.578 & 15.728 & 9.866 |
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Table S5: Experimental binodal curve mass fraction data for the system PEG 600 (1) + Na₂SO₄ (2) + H₂O (3) + 5 wt % IL at 298 K.

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Table S6 Experimental binodal curve mass fraction data for the system PEG 600 (1) + Na₂SO₄ (2) + H₂O (3) + 5 wt % IL at 298 K

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