

Supplementary Materials

Separation and Purification of *Astragalus Membranaceus* Polysaccharides by Deep Eutectic Solvents-based Aqueous Two-Phase System

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Table S1. The molecular weight of AMP

	Peak 1 (67.4%)	Peak 2 (33.6%)	Average
Mw (Da)	6654	371	4856

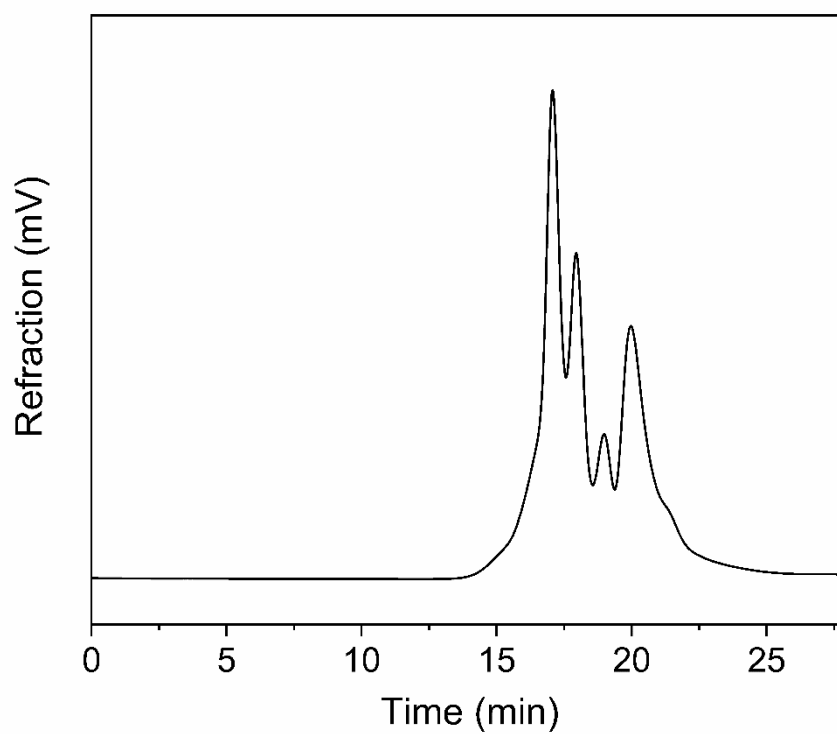
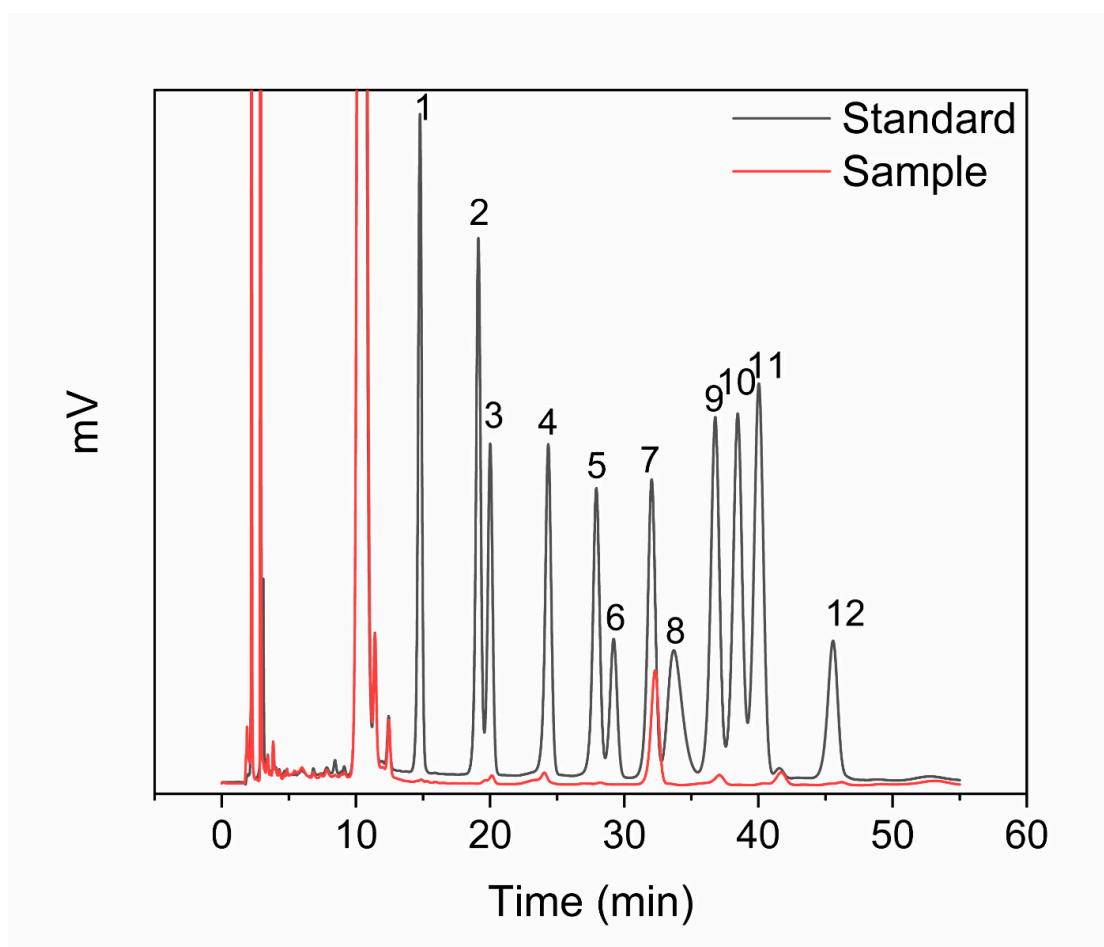


Figure S1. High-performance gel permeation chromatograms for AMP.



- 1- Mannose
- 2- Ribose
- 3- Rhamnose
- 4- Glucuronic acid
- 5- Galacturonic acid
- 6- N-acetyl-glucosamine
- 7- Glucose
- 8- N-acetyl-galactosamine
- 9- Galactose
- 10- Xylose
- 11- Arabinose
- 12- Fucose

Figure S2. The HPLC chromatograms for monosaccharide analysis of AMP

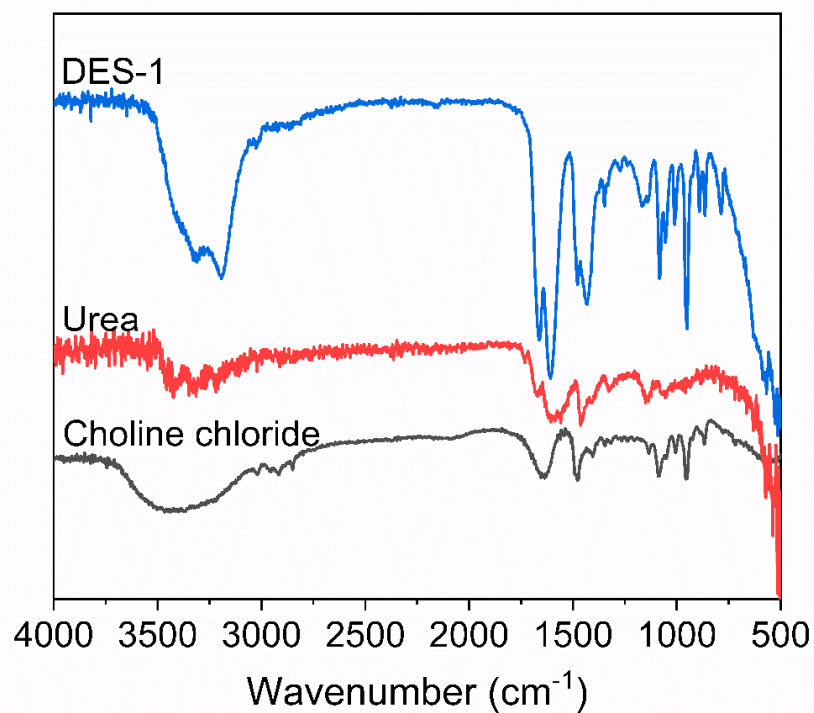


Figure S3. The FT-IR spectra for DES-1

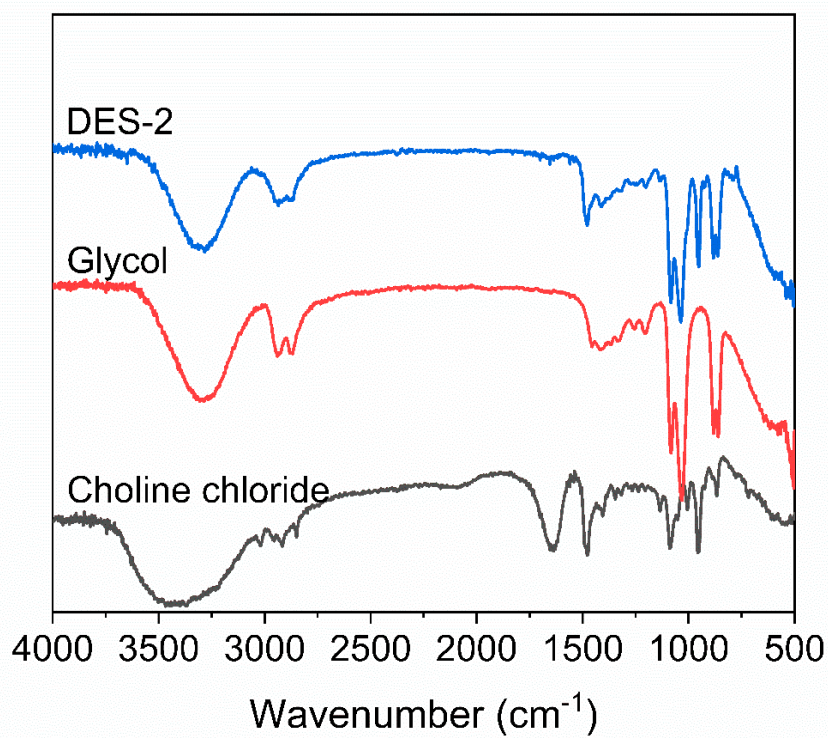


Figure S4. The FT-IR spectra for DES-2

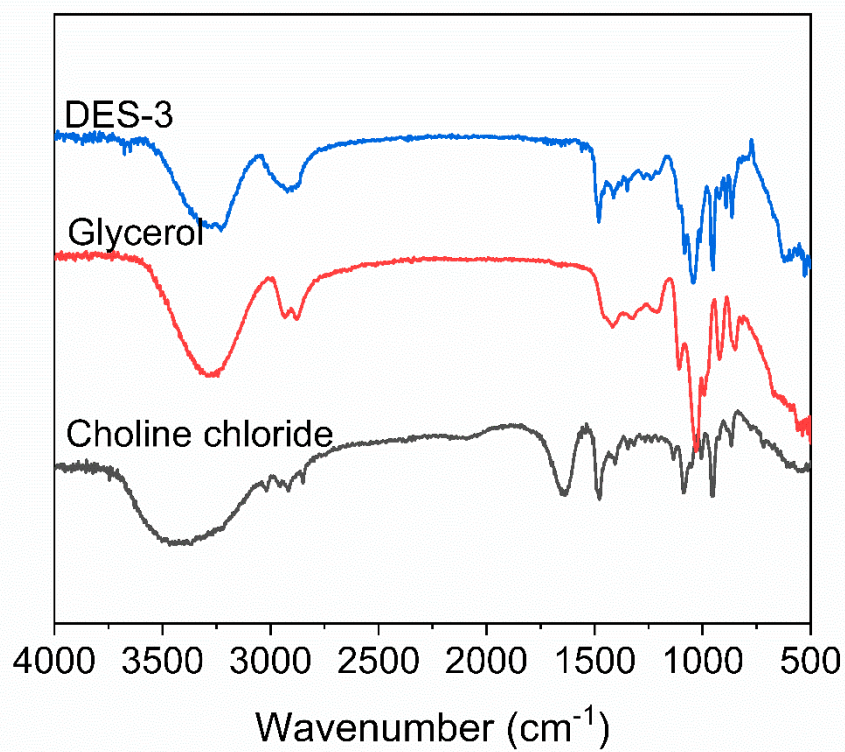


Figure S5. The FT-IR spectra for DES-3

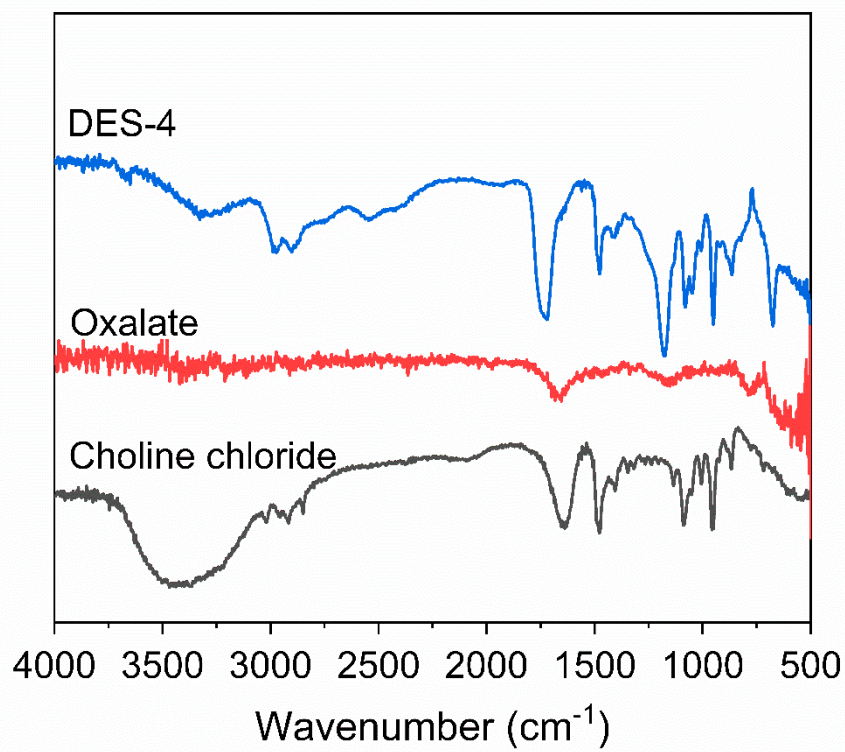


Figure S6. The FT-IR spectra for DES-4

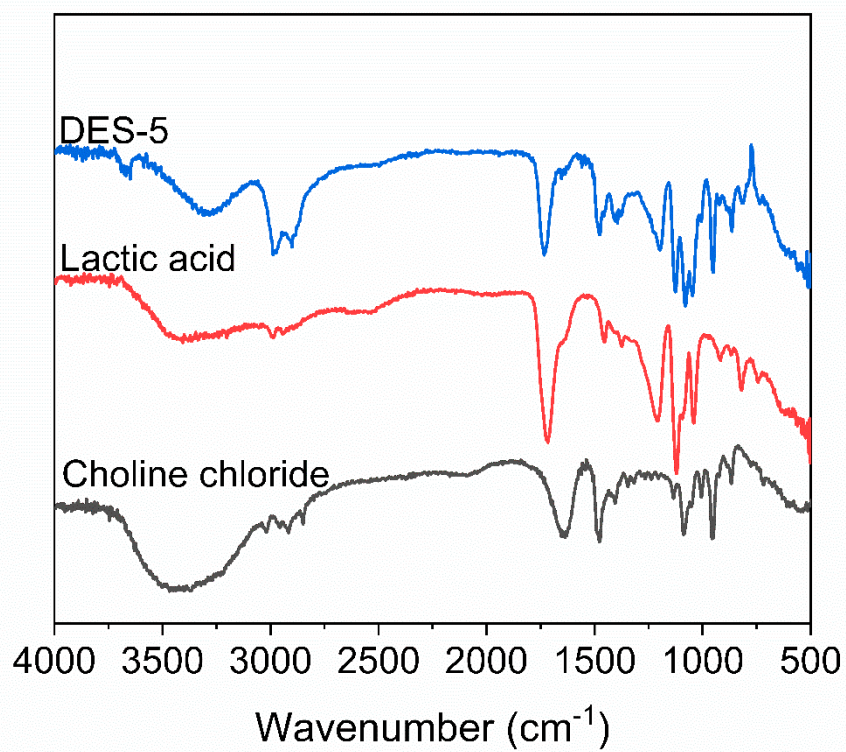


Figure S7. The FT-IR spectra for DES-5