

Supplementary Information

1. Results and Discussion

1.1 Calibration curve for size exclusion chromatography

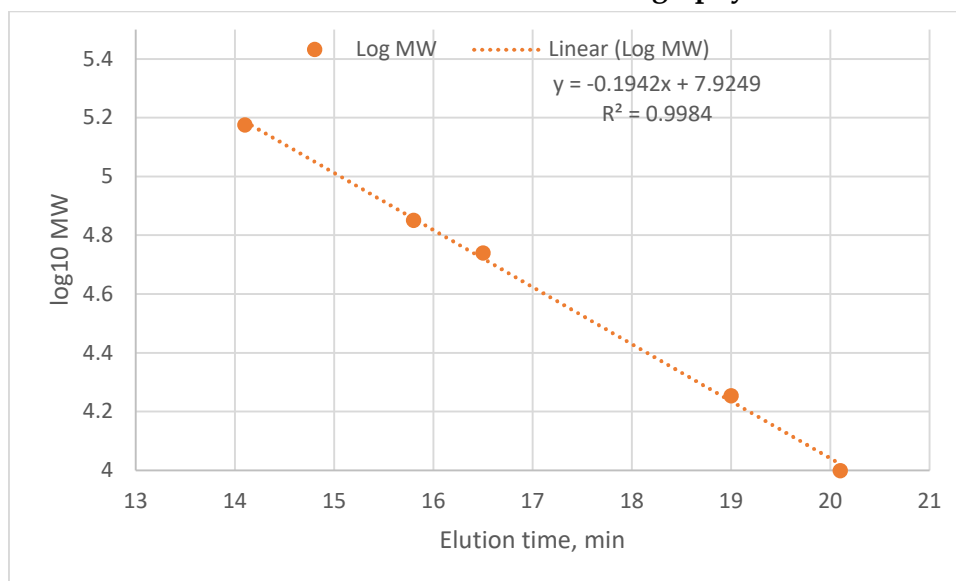


Figure S1. Size exclusion chromatography calibration line, using dextran standards and water as eluent.

1.2 UV-Vis spectroscopy

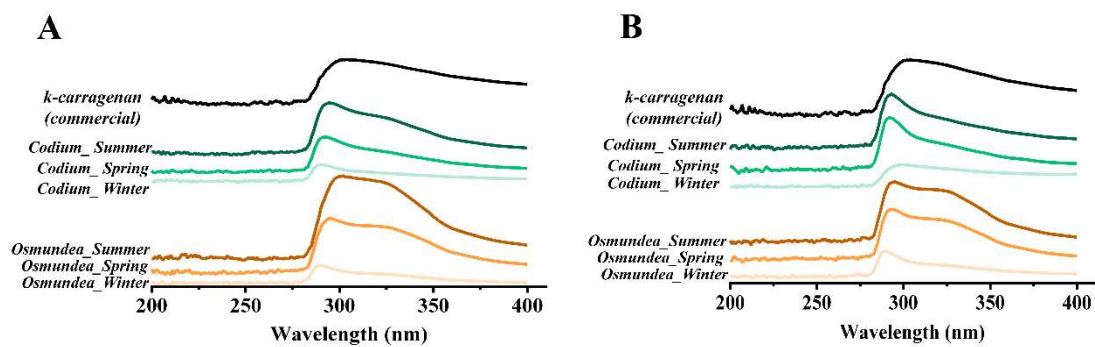


Figure S2. UV-Vis spectrum of polysaccharides from macroalgal species collected at different seasons from Portugal (A) and Galicia (B) coast.

1.3 Molecular weight of polysaccharides

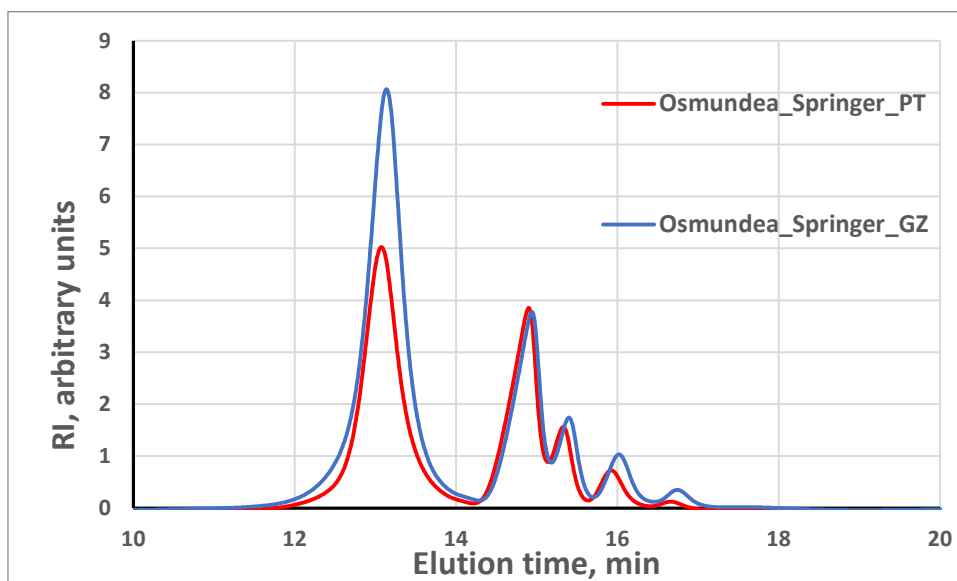


Figure S3. Molecular weight distribution of *Osmundea* sp. from Galicia and Portugal coasts, in spring.

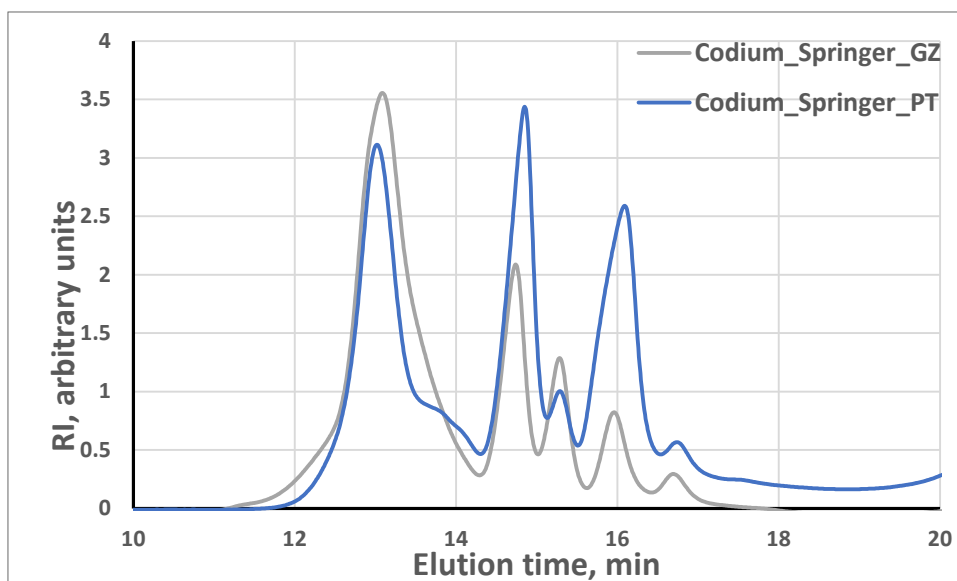


Figure S4. Molecular weight distribution of *Codium* sp. from Galicia and Portugal coasts, in spring.