

Eco-Friendly Extraction, Structure, and Gel Properties of ι -Carrageenan Extracted Using $\text{Ca}(\text{OH})_2$

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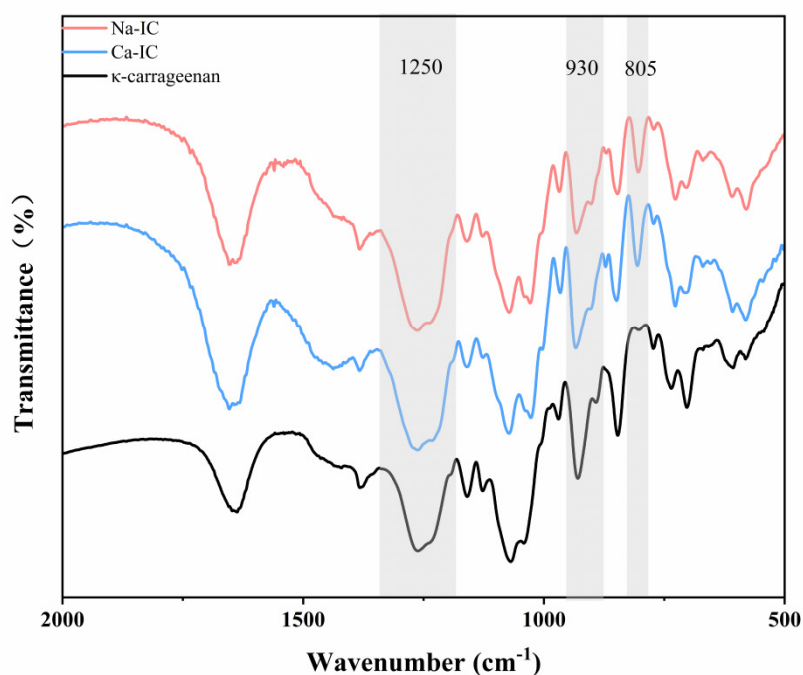


Figure S1. FTIR spectra (500-2000 cm^{-1}).

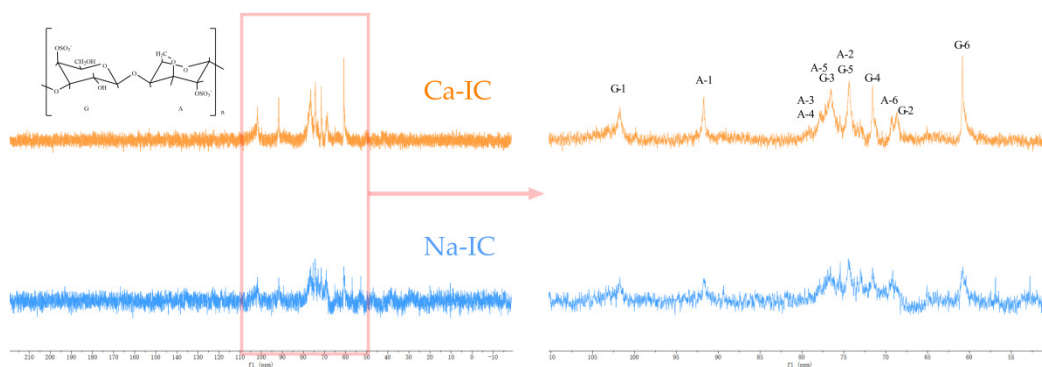


Figure S2. Carbon-13 NMR spectrum of Ca-IC and Na-IC. (G and A denote galactose and 3,6-anhydro-galactose, respectively [1, 2])

References

- [1] Usov, A.; Shashkov, A., Polysaccharides of algae. XXXIV: Detection of iota-carrageenan in *Phyllophora brodiaei* (Turn.) J. Ag.(Rhodophyta) using ¹³C-NMR spectroscopy. **1985**.
- [2] van de Velde, F.; Knutsen, S. H.; Usov, A. I.; Rollema, H. S.; Cerezo, A. S., ¹H and ¹³C high resolution NMR spectroscopy of carrageenans: application in research and industry. *Trends in Food Science & Technology* **2002**, 13, (3), 73-92.