

Preparation and Characterization of a Chemically Sulfated Cashew Gum Polysaccharide

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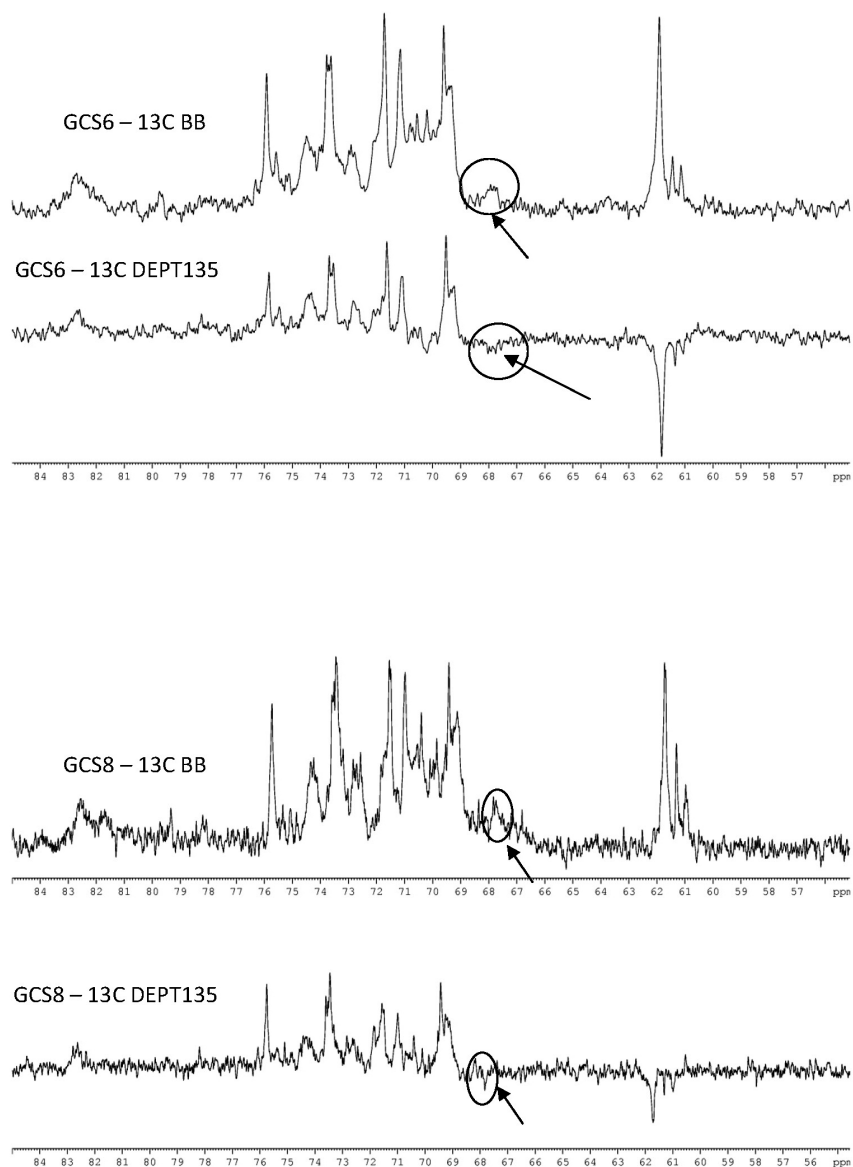


Figure S1. DEPT 135 and BB spectra of sulfated cashew gum (samples GCS6 and GCS8). In sulfated samples (GCS6 and GCS8) spectra a new signal is observed at δ 67.8 in both spectra. The same signal is visualized in opposite amplitude to those of CH_2 and CH signals in DEPT 135 experiment so based on this observation and that substitution of sulfate group on primary carbons causes an increase of chemical shift of 6 to 8 ppm^{4,23,32} we concluded that the sulfate substitution on sulfated cashew gum occur on primary carbons (C-6).

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