

Structural Characterization of Glycerophosphorylated and Succinylated Cyclic β - (1 \rightarrow 2)-D-glucan Produced by *Sinorhizobium meliloti* 1021

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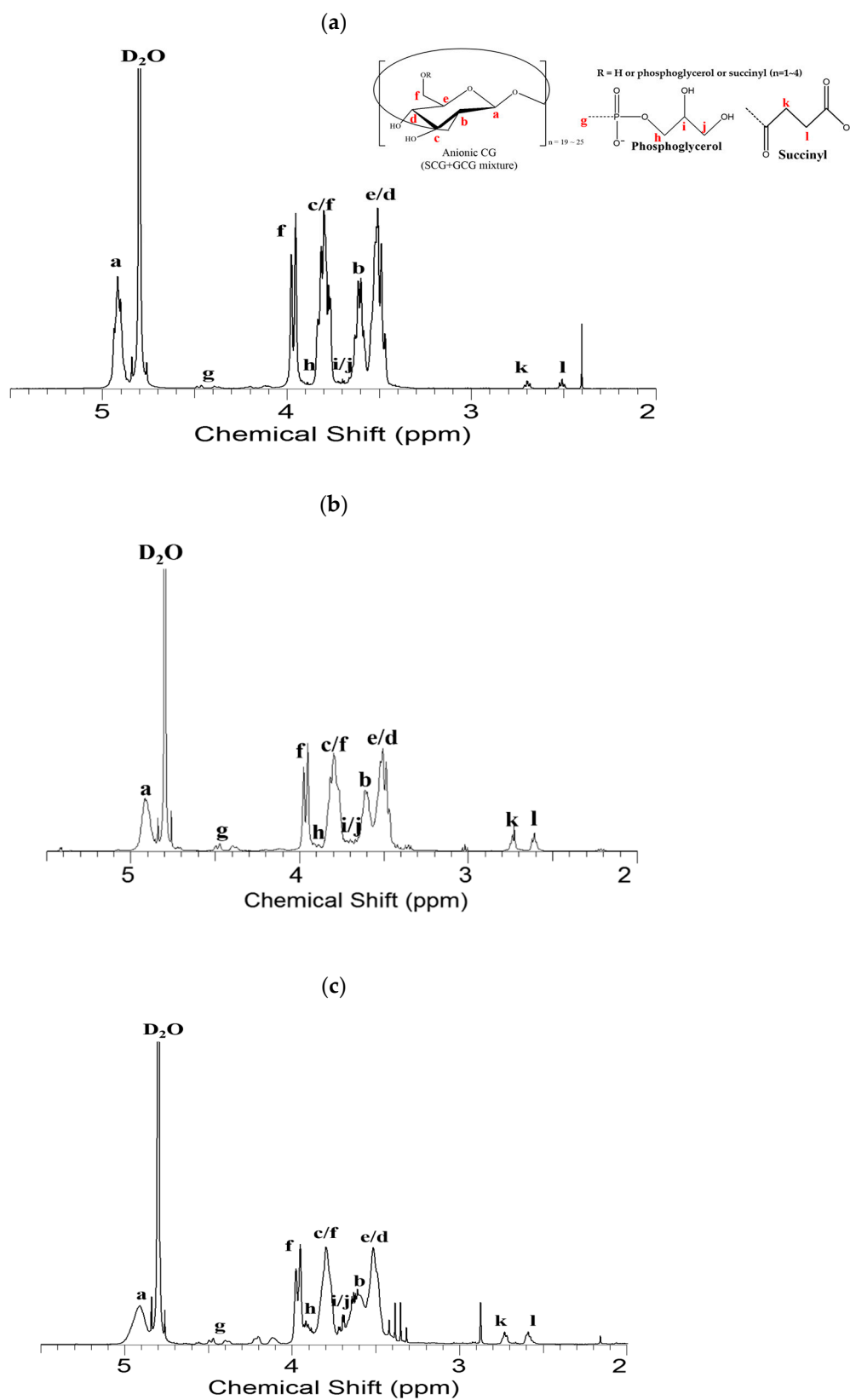
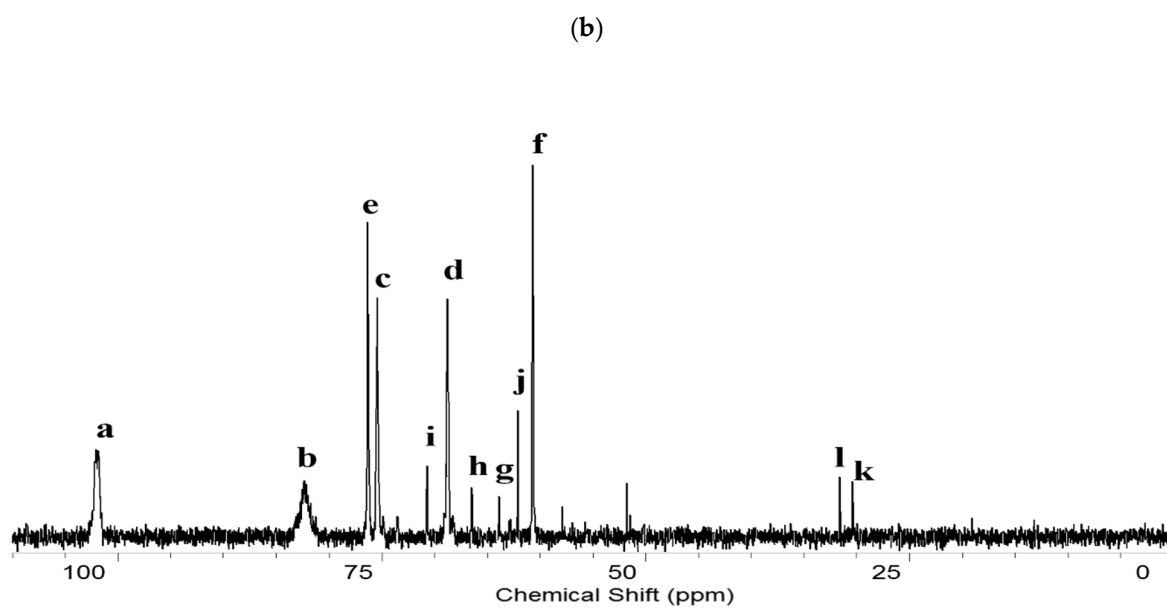
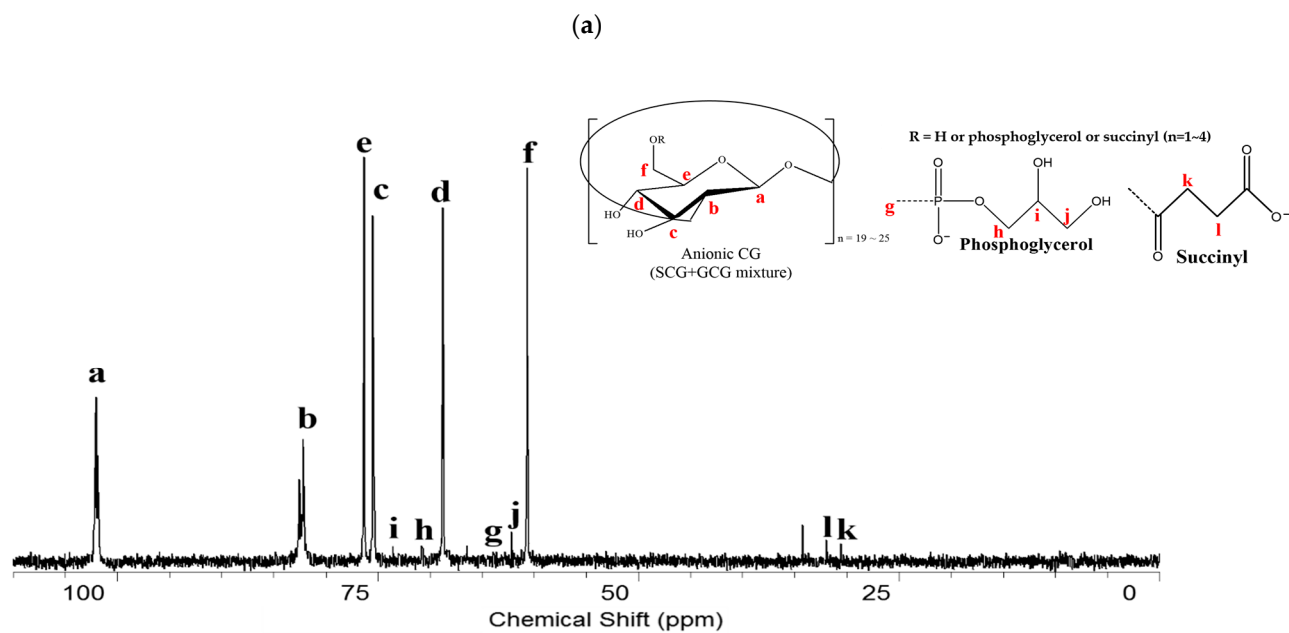


Figure S1. ¹H NMR spectra of (a) F2, (b) F3 and (c) F4 fraction



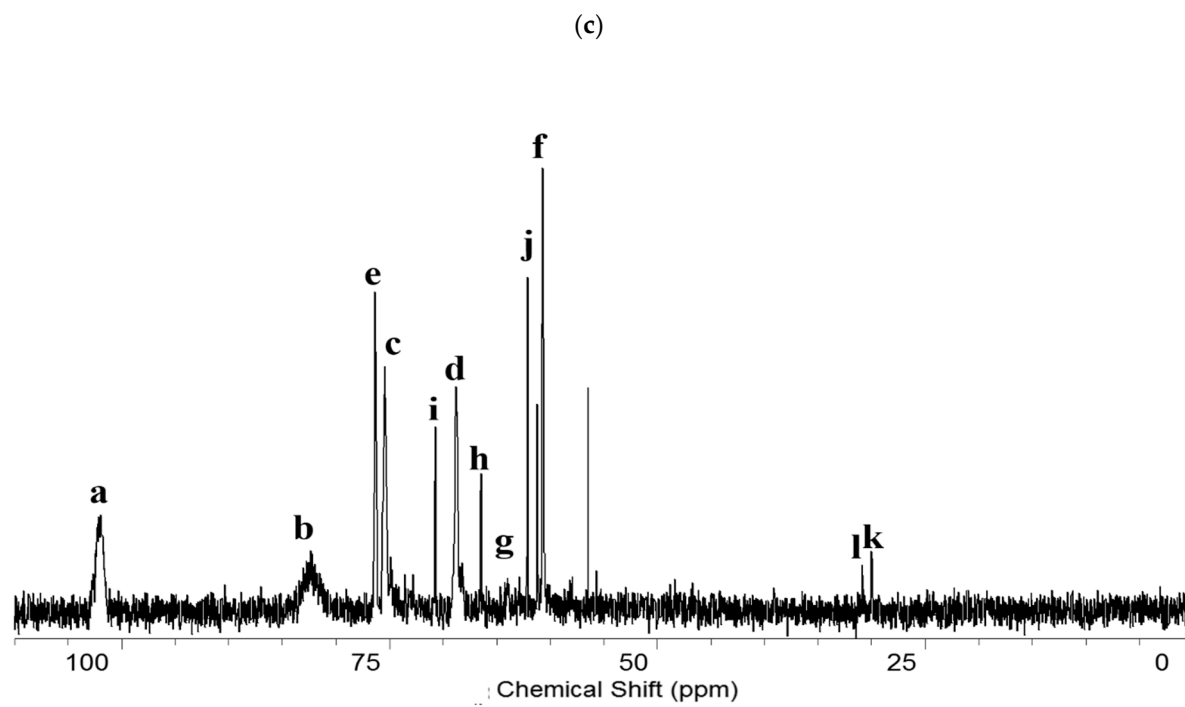
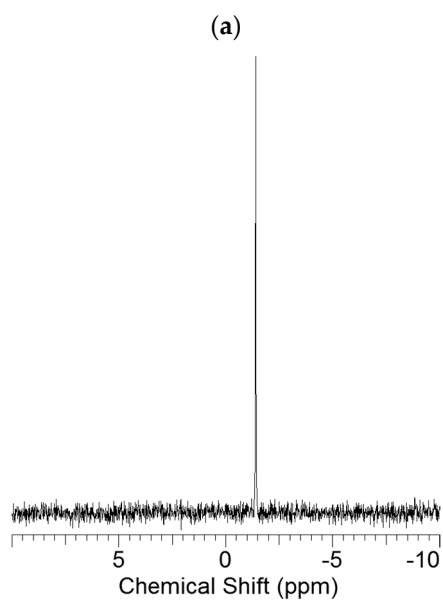


Figure S2. ¹³C NMR spectra of (a) F2, (b) F3 and (c) F4 fraction.



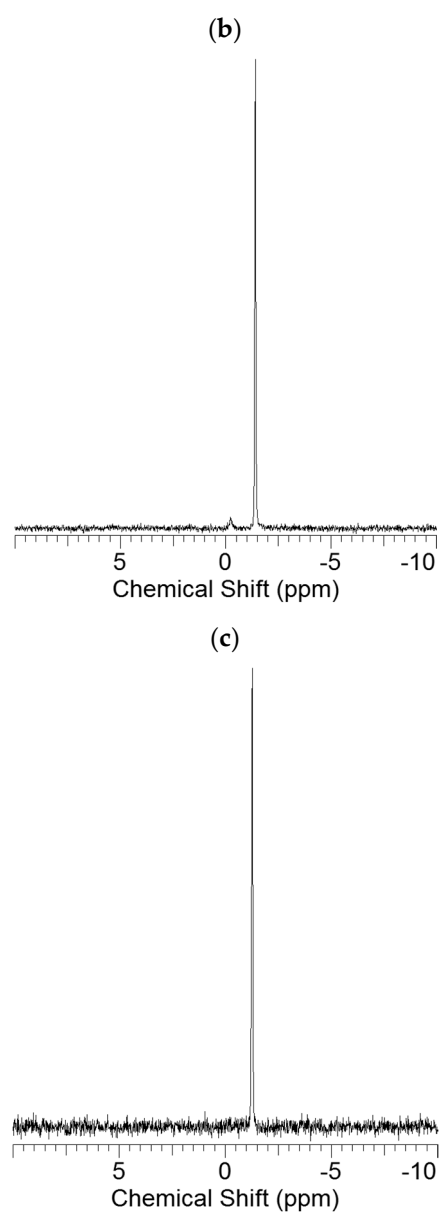
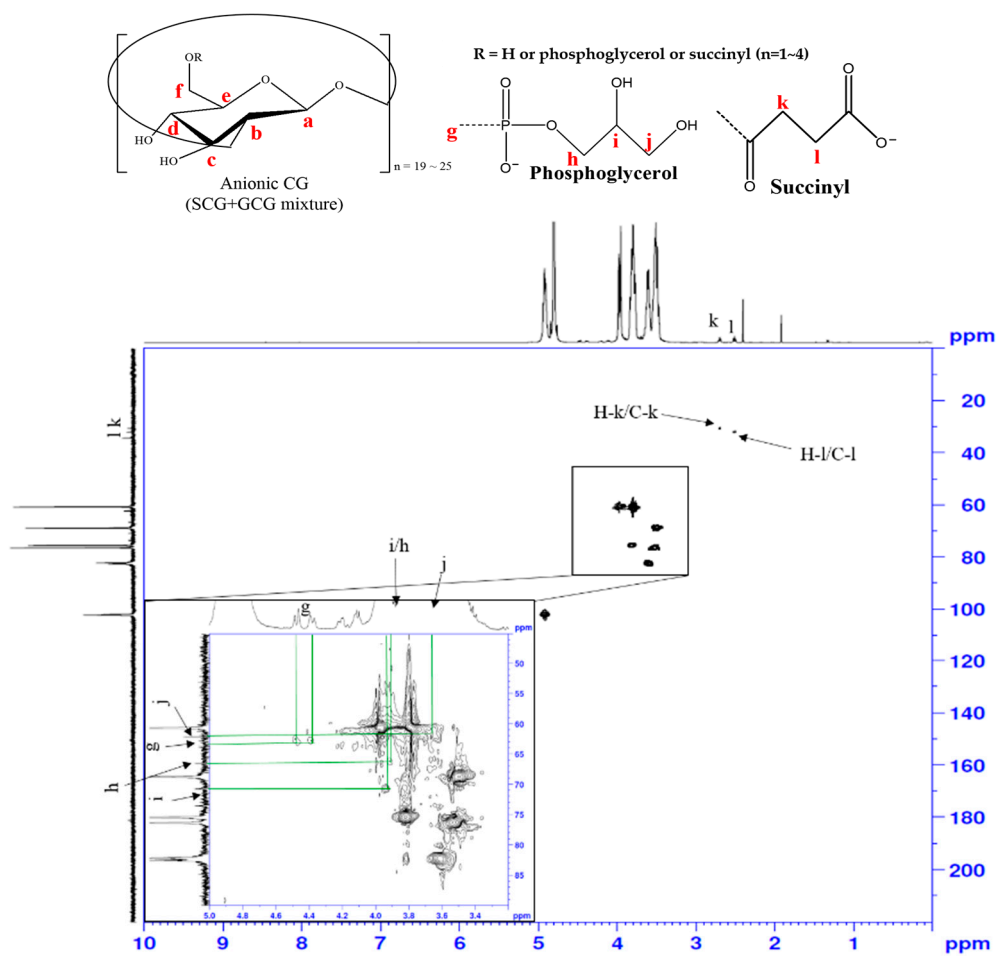
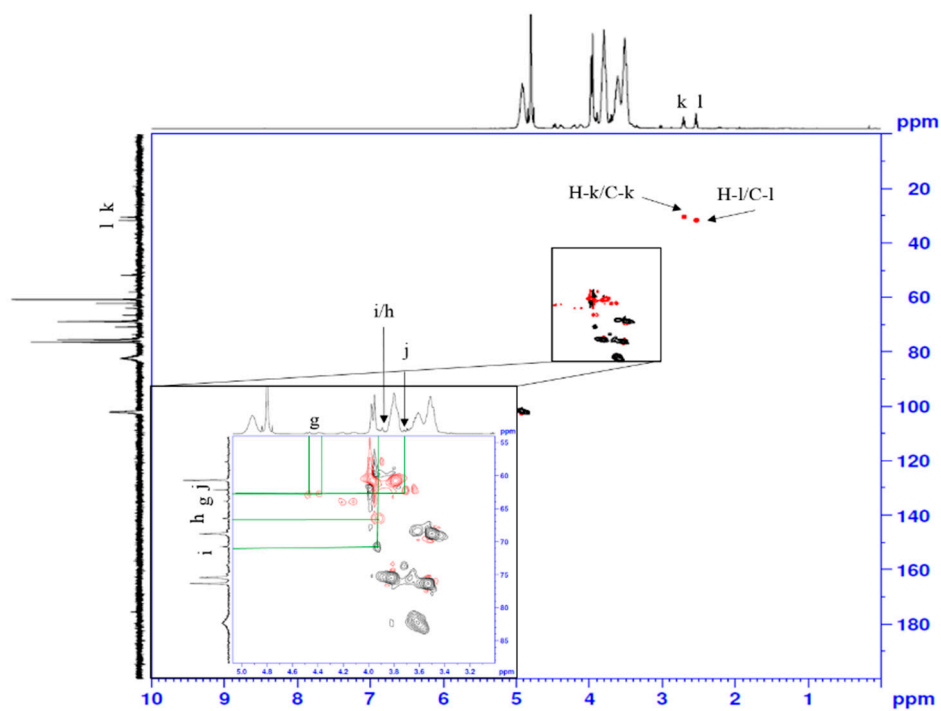


Figure S3. The proton-decoupled ^{31}P NMR spectra of (a) F2, (b) F3 and (c) F4 fraction.

(a)



(b)



(c)

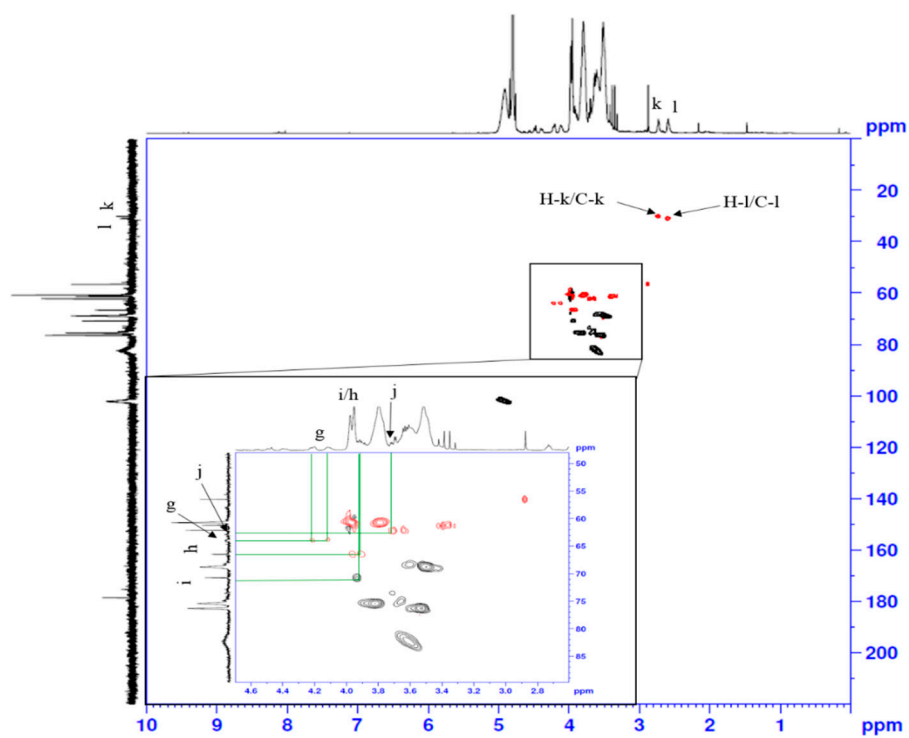


Figure S4. ^1H - ^{13}C heteronuclear single quantum coherence (HSQC) NMR spectra of (a) F2, (b) F3 and (c) F4 fraction.