

Figure S1.  $^1\text{H}$  NMR spectrum of fucoidan derived from *Cladosiphon okamuranus* Tokida.

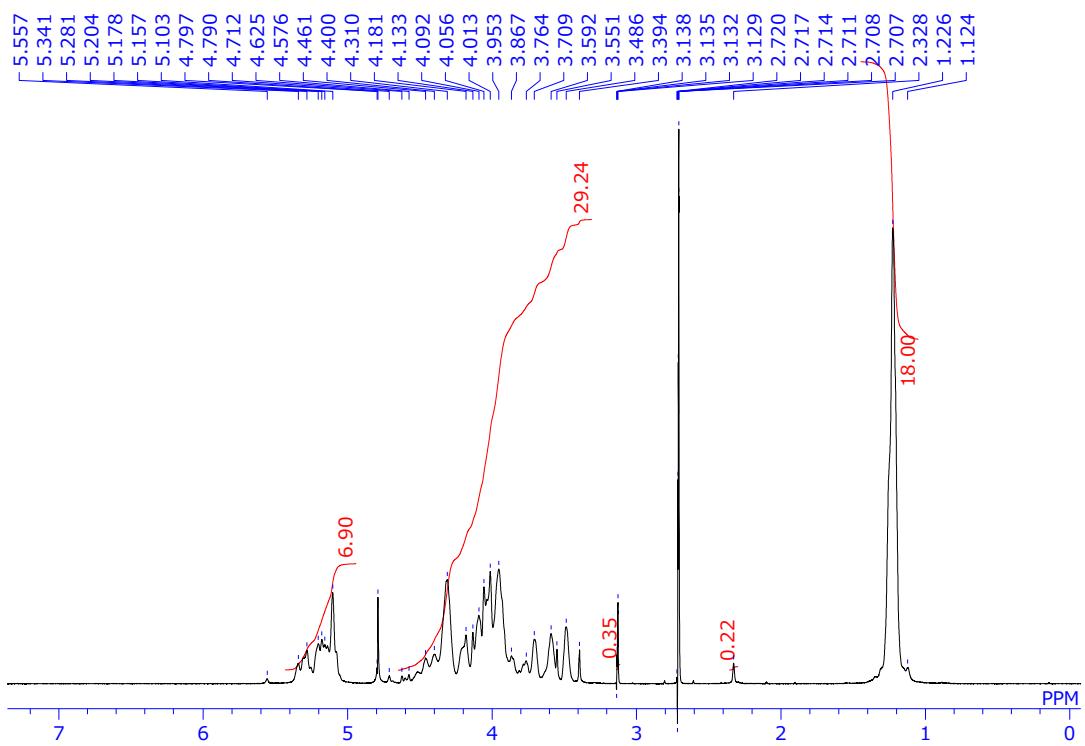


Figure S2.  ${}^1\text{H}$  NMR spectrum of desulfated fucoidan.

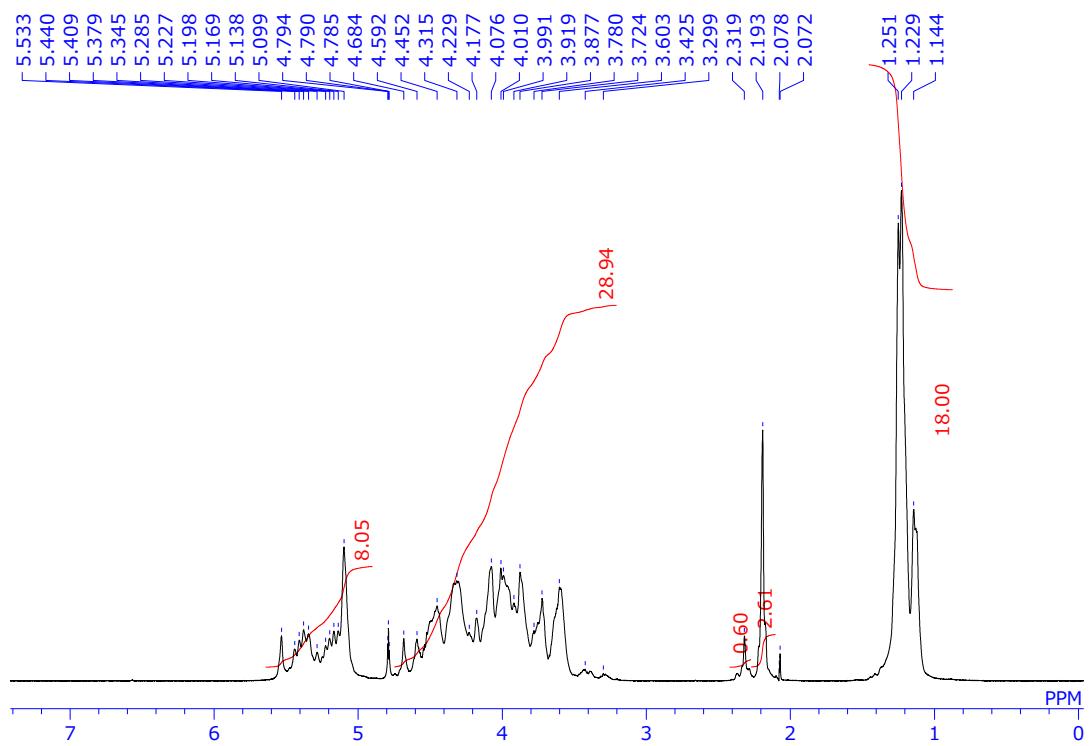


Figure S3.  $^1\text{H}$  NMR spectrum of fucoidan silver salt.