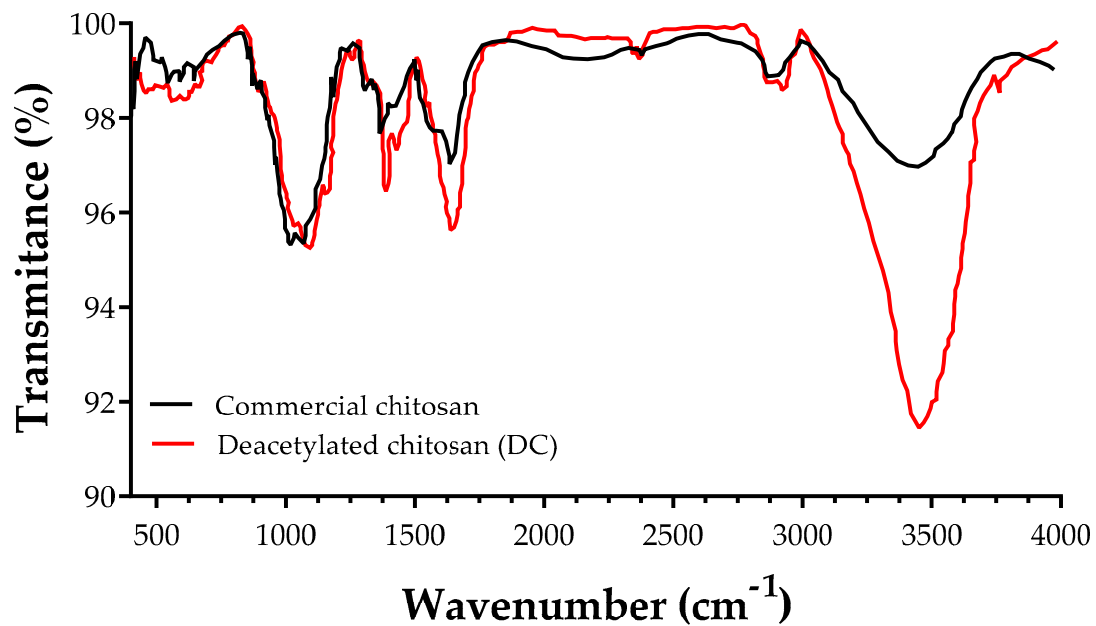


## Support material



**Figure S1.** Infrared spectrum for commercial chitosan and alkali-processed chitosan with a degree of deacetylation > 90% (chitosan deacetyl)