

Evaluation of catalytic effects on the pretreatment of laminaria japonica

최원일, 정태수, 류현진, 오경근*
단국대학교
(kkoh@dankook.ac.kr*)

From this study it researched in about optimization of Laminaria catalytic pretreatment conditions. Catalytic pretreatments it made laminaria from under the identical condition and to use a nitric acid, the sulfuric acid, the hydrochloric acid, sodium hydroxide, and the sodium carbonate it bought and to compare glucose remaining which it follows in type, catalyst types which are suitable in catalytic pretreatments, it decided catalyst concentration, reaction temperature, reaction time.