PRODUCTION METHOD FOR PENTOSAN POLYSULFATE

ABSTRACT

The present invention provides a method for producing pentosan polysulfate, the method including a first step of obtaining an acidic xylooligosaccharide from a plant-derived raw material, and a second step of obtaining pentosan polysulfate from the acidic xylooligosaccharide. The first step includes a step of depolymerizing the plant-derived raw material. The second step includes a step of sulfating the acidic xylooligosaccharide. The method further includes a deacetylation step of adding a base to achieve a pH of 11 or higher. The deacetylation step is a step performed after the depolymerization step. The production method of the present invention can provide pentosan polysulfate having a low acetyl group content, and also produce pentosan polysulfate with a high yield inexpensively and efficiently.