

Abstract

A method for determining the weight average molecular weight and the content of soluble salts of acidic saccharides

The invention belongs to the technical field of natural medicinal chemistry and quality control thereof, and relates to a method for determining the weight average molecular weight and the purity of a soluble salt of an acidic saccharide. The method comprises using metal ion content in the soluble salt of an acidic saccharide to correct the weight average molecular weight and the content of the of acid saccharide obtained by the combined use of the molecular sieve chromatography and a multi-angle laser scattering detector SEC -MALS. The method of the present invention can be used to more quickly and accurately determine the weight average molecular weight and content of acidic saccharide soluble salts.

(No suitable Figure)