97-0332

The invention relates to the process for preparation of the ion-exchange resins modified by a metal containing compounds and may be used in the material separation and catalysis processes.

The process consists in, that the cross-linked ionic polymers containing the strong-based groups, are treated with the chromic alum solution or Cr(III) sulfate containing 2,0…2,5 g/L of Cr(III) at pH 4…4,3 and at polymer mass to solution volume ratio of 0,2…1 g /100 mL at 55…65°C during 18…20 hours.

Carrying up the process in such conditions allows to obtain Cr(III) modified anionits having high metal content.

The technical result consists in the fact that the polymers gain the selective characteristics at sorption of NCS+, NCO-, CN- and other ions.

Claims:1