

**99-0038**

The invention relates to the macromolecular chemistry, particularly, to a process for preparation of styrene oligomers containing the thiosemicarbazide groups which may be used for separation of the carbonylic compounds from different mixtures or for purifying the alcohols from the aldehydes, for nonvolatile antioxidants and pesticides synthesis.

Summary of the invention consists in that the process comprises treatment of the styrene derivative with the thiocarbonylation agent and thereafter with hydrazine-hydrate where the oligo-4-aminostyrene is used the styrene derivative, which is heated into the organic solvent at 80...110°C with the thiocarbonylation agent - tetramethylthiuramdisulphide in the molar ratio of 2:1,15 up to the complete hydrogen sulphide separation, thereafter the formed oligo-4-N,N-dimethylthioureidostyrene is treated at the same temperature with the hydrazine-hydrate up to the complete dimethylamine separation.

Grafting reaction yield for oligo-4-(4-thiosemicarbazido)styrene makes 90...93% of the thiosemicarbazide groups.

The technical result consists in grafting the oligomeric substrate with the thiosemicarbazide group by means of simple oligomer-analogous reactions.

Claims: 1