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高效液相色谱对聚醚砜低聚物及其单体组分的分离与测定

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摘要 In this work, the condition for the analysis of title compounds by HPLC was chosen. The component content and average molecular weight of some kinds of poly(ether-sulfone)s oligomers were determined successfully. The optimum condition for the partial hydrolysis reaction from 4,4'-dichlorodiphenylsulfone to 4-chloro-4'-hydroxydiphenylsulfone was obtained. In addition, the constituent changes of the oligomer can be observed and determined by this method in the polymerization process.

关键词 [反相高效液相色谱](#) [凝胶色谱](#) [聚醚砜](#).

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