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摘要: 本文研究了萘, α -氯萘和 β -氯萘在环己烷中的紫外吸收光谱, 建立了该三组分同时测定的多元系数校正分光光度法, 回收率在90%~109%之间, 相对标准偏差小于1%, 并与经典解三元方程组法进行了比较, 结果满意。

关键词:

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Simultaneous Determination of Naphthalene , α -Chloronaphthalene and P-chloronaphthalene by Multivariate factor calibration Spectrophotometric Method

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Abstract: In this paper, the UV spectral properties of Naphthalene, α -Chloronaphthalene and β -Chloronaphthalene were studied. The Multivariate factor calibration spectrophotometric method for simultaneous determination of Naphthalene , α -Chloronaphthalene and β -Chloronaphthalene was developed. The recoveries range between 90%-109%, the relative standard deviation were less than 1%. Compared with linear equation set, the results of the method proper are satisfactory.

Key words:

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