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摘要：本文采用高效液相色谱法分析邻苯二酚产品，并分别对照内标法、外标法及归一法测定时对分析结果的影响，取得良好的结果并且实现邻苯二酚产品及所含杂质对苯二酚、间苯二酚、对苯醌、苯酚的良好分离。内标法时邻苯二酚回收率在97.8%~101%之间，相对偏差为1.2%。

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HPLC analysis of high purity catechol product

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Abstract: Abstract, [WT] High performance Liquid Chromatography with silica column was employed for the analysis of the high purity catechol. The mixture of hexane-isopropanol-acetic acid was used as the mobile phase. The gradient elution method and programmed changing of detection wavelength were also used to improve the separating property. Three methods were used: internal standard method, external standard method and normalization method. The internal standard is p-tert-butyl pyrocatechol. The recovery of catechol is between 97.8%~101%, the relative standard deviation is less than 1.2%.

Key words:

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