



AULA VIRTUAL de RADIOFARMACIA

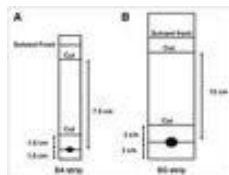
Plataforma Virtual de Formación Continua en Radiofarmacia
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Lectura recomendada

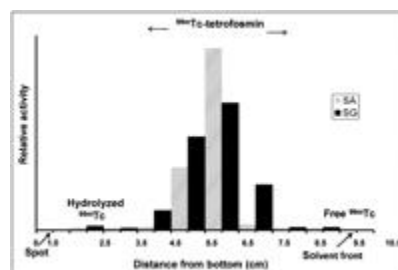
An Alternative Method for Determining the Radiochemical Purity of ^{99m}Tc -Tetrofosmin

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*Nucl Med Technol.*2011; 39: 51-54



The instant thin-layer chromatographic method of determining the radiochemical purity of ^{99m}Tc -tetrofosmin recommended by the manufacturer uses a mixture of acetone and dichloromethane (35:65 v/v) as the solvent and a silica gel (SG) strip as the solid phase. Currently, SG strips are not available commercially and an alternative solid phase is needed. The present study reports that silicic acid strips are an appropriate substitute for SG strips for the chromatographic method using the same solvent mixture but mixed in a reverse ratio (65:35 v/v). The 2 methods yielded similar values (within 1 SD) of radiochemical purity for ^{99m}Tc -tetrofosmin





Colabora con Farmacéuticos Mundi (**FarmaMundi**) (<http://www.farmaceuticosmundi.org/>)



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