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A high-performance impregnated resin for recovering thorium from radioactive rare earth waste residue

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ABSTRACT

A novel impregnated resin with n-octyl diphenyl phosphate (ODP-IR) was developed for the separation of thorium from leaching solution of rare earth (RE) waste residue. Nitrogen adsorption, FT-IR spectra, scanning electron microscopy and energy dispersive spectrometer were conducted for the characterization of ODP-IR. Uptake

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