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Electrodeposition of selected α -emitting radionuclides from oxalate-ammonium sulfate electrolyte and measured by means of solid-state alpha spectrometry

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This method describes electrodeposition of selected group of alpha-emitting radionuclides such as method suitable for measuring by means of solid-state alpha spectrometry. The effect of volume and pH of electrolyte, distance of electrodes, current and plating time versus different alpha-emitting radionuclides was observed in order to optimize conditions to obtain maximum yield.

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