



Ion-exchange chromatography protocol for separating lead

The protocol is based on the work of Strelow and Toerien 1966. It is a single-step protocol which uses anion-exchange columns using the AG1-X8 (100–200 mesh) resin. Pre-cleaned Teflon beakers, double-distilled acids, and ultrapure water (MQ water) are used for the handling of samples throughout the protocol.

Reference

Strelow, F. W. E., and Toerien, F. V. S., 1966, Separation of Lead(II), from Bismuth(III), Thallium(III), Cadmium(II), Mercury(II), Gold(III), Platinum(IV), Palladium(II), and Other Elements by Anion Exchange Chromatography, *Analytical Chemistry*, 38(4), 545–8.



