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# Micellar Electrokinetic Chromatographic Analysis of Thorium, Uranium, Copper, Nickel, Cobalt and Iron in Ore and Fish Samples

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## Summary

In this study an MEKC method has been developed and applied for the analysis of thorium and uranium from environmental samples. Copper, nickel, cobalt, and iron present in the matrix were analyzed concurrently. The method is based on pre-capillary chelation of analyte with bis(salicylaldehyde) ethylenediimine ( $H_2SA_2en$ ) chelating agent. The analysis was completed within 4 minutes with uncoated fused silica capillary under the following optimized

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