

A Comparison of the Inductively Coupled Plasma Mass Spectroscopy /ICP-MS/ and Radiochemical Techniques of Total Uranium in Ground Water and Environmental Water Samples

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Radiochemical determination of T-U has been the standard technique for analysis of water samples in our lab. ICP-MS is gradually finding acceptance as an alternative to Uranium analysis.

A comparison of both techniques has been carried out based on data from laboratory control standards, national intercomparison samples, environmental and drinking water samples. Results of these experiments will be discussed.