

C-2.2.1 Chemical Speciation of Aluminum in Soil, Water and Aquatic Plants

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High-performance liquid chromatography combined with ICP-MS (HPLC-ICP-MS) was developed for aluminum speciation. The sensitivity of the method is about one-order of magnitude higher than that of HPLC with fluorometric detection. The method was applied to the analysis of soil extracts and natural water samples for aluminum.