

Multi-laboratory chemical characterization of ecological samples

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Summary

The influence of high concentrations of sodium (Na), chlorine (Cl) and bromine (Br) on the analytical results obtained by means of several modern analytical methods by different laboratories was investigated. The results obtained for the halophytic plants, *Aster tripolium* and *Rhizophora mangle*, were compared with that of NBS-Citrus leaves (NBS 1572). With a few outliers no considerable “interference effects” from Na, Cl and Br on the results of other elements were found.