

Elemental determination of airborne particulate matter by XRF

張怡怡

Wang CF;Chang EE and Chiang PC

摘要.

Multielement determination of airborne particulates collected on PTFE-membrane filters by XRF, and possibility of using this technique in Receptor Model analysis were investigated. In order to keep the background interference as low as possible, special emphasis was therefore laid on the setup of optimized analytical procedures for XRF measurement. An intercomparison between INAA and XRF methods was performed by analyzing the same filter samples.