

# PULSE STRIPPING VOLTAMMETRIC DETERMINATION OF NICKEL AND MOLYBDENUM IN MEDICINAL HERBS SAMPLES

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## Summary

The method for determination of nickel and molybdenum in medicinal herbs by differential pulse adsorptive stripping voltammetry (DPAdSV) using dimethylglyoxime and 8-hydroxyquinoline as complexing agents after the microwave-assisted digestion has been presented. Samples (segregated, cleaned and powdered) were digested by wet method in a mixture of  $\text{HNO}_2 + \text{H}_2\text{O}_2$ . Typical Ni and Mo concentrations in the ranges of 0.7–5.0; 0.2–3.6  $\text{mg kg}^{-1}$  of dry matter, respectively, were found from replicate measurements of the samples following dry ashing. The oriental tobacco (CTA-ATL-1) as the certified reference material was applied in those investigations.