



The Simple Flame Photometric Determination of Calcium

MS *Spektrum*

If aqueous samples of Calcium are to be analysed which contain no interferent ions the following method should be employed. Method:

1. From the BWB 10 000 ppm Calcium stock standard prepare diluted standards of 100, 75, 50 and 25 ppm using deionised water/Diluent Concentrate (999:1) as diluent.
2. If the samples to be analysed are of lower concentration then prepare 50, 40, 20 and 10 ppm standards.
3. Aspirate the Blank and Standards entering their values when prompted.
4. Aspirate the aqueous sample
5. Record the result from the display.

If there are interferent ions present, Calcium should be precipitated as Calcium Oxalate, dissolved in HClO_4 and then analysed.



MS Spektrum

ul. Lubomira 4 lok. 4

04-002 Warszawa

Tel.: +48 22 810-01-28

Faks: +48 22 870-24-08

Biuro serwisowe: +48 22 402-43-04

E-mail: biuro@msspektrum.pl

www.msspektrum.pl