

## gravimetric method

A determination by weight; e.g. in the older method of  $\text{Cl}^-$  ion determination, a weighed amount of sample is dissolved in water,  $\text{AgNO}_3$  solution added,  $\text{AgCl}$  is precipitated, dried and weighed. From the known mass fraction of silver in  $\text{AgCl}$ , the weights of the initial sample and that of the  $\text{AgCl}$  precipitated, the percentage of chlorine in the sample can be calculated readily.

**Source:**

PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2192