

1. FUNDAMENTAL PHYSICO-CHEMICAL TERMS AND QUANTITIES USED IN ANALYTICAL CHEMISTRY

1.1 Introduction

Chemical analytical methods are based on physical and physico-chemical principles. Therefore in the description of analytical procedures and prescriptions many physical and physico-chemical terms and quantities are used. In this chapter those physical and physico-chemical quantities, units and symbols are tabulated which are used often in the analytical chemical literature. All except Table 1.8 were selected from the IUPAC book "Quantities, Units and Symbols in Physical Chemistry" (the Green book) published by Blackwell Science Publishers, Oxford, in 1992. The text was harmonised before publication by IUPAP and ISO.