

19.1 Introduction

This chapter includes those selected fields of applications of chemical analytical techniques which have current importance and where some of the used terms are strongly associated with the analytical measurements.

Quite a few published IUPAC recommendations are concerned with different applications. Only those considered most relevant by the editors are reproduced here. The readers might wish to consult the original publication for further details (see section 19.5 for relevant publications). Some recommendations which are not reproduced here but might be of special interest are listed in section 19.5 as related papers.

The three fields presented here are biological and biochemical, environmental and medicinal applications.