### International Standard



78/4

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION•МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ•ORGANISATION INTERNATIONALE DE NORMALISATION

## Layouts for standards — Part 4: Standard for atomic absorption spectrometric analysis

Plans de normes — Partie 4: Norme d'analyse par spectrométrie d'absorption atomique

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#### **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 78/4 was developed by Technical Committee ISO/TC 47, Chemistry, and was circulated to the member bodies in December 1981.

It has been approved by the member bodies of the following countries:

Australia Austria Belgium

China

France Germany, F.R. Hungary India Italy Poland South Africa, Tep. of Switzerland

Thailand

USSR

Czechoslovakia Egypt, Arab Rep of

Korea, Rep. of

No member body expressed disapproval of the document.

# Layouts for standards — Part 4: Standard for atomic absorption spectrometric analysis

#### 0.1 Introduction

This part of ISO 78 supplements ISO 6956, which summarizes the principle of atomic absorption, lists the components of a spectrometer and fixes the required conditions during its use. The basic principles and the essential recommendations in common with all procedures and the general conditions of reproducibility and accuracy of the mean of the determinations are also given in ISO 6956.

This layout involves the use of appropriate terminology, indicated in ISO 6955. In other respects, the presentation and the wording of clauses given in this layout should comply with the principles stated in ISO 78/2.

The layout itself is followed by a section "Notes on the application of the layout for a standard method of analysis by atomic absorption spectrometry", which deals with the wording of clauses and sub-clauses used in the layout.

#### 0.2 Scope and field of application

This part of ISO 78 establishes a layout for standard methods of analysis using atomic absorption spectrometry and gives some recommendations for their presentation and wording.

#### 0.3 References

ISO 78-2 Layouts for standards — Part 2: Standard for chemical analysis.

ISO 690, Documentation — Bibliographical references — Essential and supplementary elements.

ISO 6955, Analytical spectroscopic methods — Flame emission, atomic absorbtion and atomic fluorescence — Vocabulary.

ISO 6956, Atomic absorption spectrometry — Introduction to use.<sup>1)</sup>

<sup>1)</sup> At present at the stage of draft.

#### Preferred order for the layout

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NOTE — Clauses and sub-clauses should be numbered consecutively using arabic numbers and the point numbering system.