

AS 3753—1990

Australian Standard[®]

**Recommended practice for
chemical analysis by
ultraviolet/visible
spectrophotometry**

This Australian Standard was prepared by Committee CH/16, Spectroscopy. It was approved on behalf of the Council of Standards Australia on 13 November 1989 and published on 7 May 1990.

The following interests are represented on Committee CH/16:

Bureau of Steel Manufacturers of Australia
Confederation of Australian Industry
CSIRO, Division of Fuel Technology
CSIRO, Division of Materials Science and Technology
Department of Defence
Government Chemical Laboratories, Qld
National Association of Testing Authorities, Australia

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Australian Government Analytical Laboratories
Department of Local Government, Qld
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PREFACE

This Standard was prepared by the Standards Australia Committee on Spectroscopy under the direction of the Chemical Standards Board to supersede AS CK19—1970, *The chemical analysis of materials by ultraviolet/visible spectrophotometry*.

In the preparation of this Standard, cognizance was taken of the following Standards:

ISO

6286 *Molecular absorption spectrophotometry — Vocabulary — General — Apparatus*

ASTM

E131 *Standard definitions of terms and symbols relating to molecular spectroscopy*

E169 *Recommended practices for general techniques of ultraviolet quantitative analysis*

E275 *Practice for describing and measuring performance of ultraviolet, visible and near infrared spectrophotometers*

E925 *Standard practice for periodic calibration of narrow band-pass spectrophotometers*

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