

AS 3753—1990

Australian Standard<sup>®</sup>

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

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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.

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Confederation of Australian Industry  
CSIRO, Division of Fuel Technology  
CSIRO, Division of Materials Science and Technology  
Department of Defence  
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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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