

Australian Standard<sup>®</sup>

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**WATERS—  
DETERMINATION OF  
CHROMIUM(VI)  
(DIPHENYLCARBAZIDE  
SPECTROPHOTOMETRIC  
METHOD)**

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This Australian standard was prepared by Committee CH/22—Methods for Examination of Waters. It was approved on behalf of the Council of the Standards Association of Australia on 14 January 1985 and published on 2 June 1986.

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The following interests are represented on Committee CH/22:

Australian Mining Industry Council  
Australian Water Resources Council  
Confederation of Australian Industry  
CSIRO, Division of Energy Chemistry  
Department of the Environment, Tas.  
Department of Health, N.S.W.  
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## PREFACE

This standard was prepared by the Association's Committee on Methods for Examination of Waters under the direction of the Chemical Standards Board at the request of the Environmental Protection Authority (Victoria). The standard is based on APHA (15th ed.) colorimetric method, 312B, for hexavalent chromium.

Chromium salts are used extensively in industrial processes and may enter waters through the discharge of wastes. Although dissolved chromium may exist in waters in the trivalent and hexavalent states, the latter is more toxic and is therefore more important in evaluating water quality.

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