



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD 36 (27499)

Date : 04 February 2025

TECHNICAL COMMITTEE : Water Quality, CHD 36

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Water Quality Sectional Committee, CHD 36. Please [click here](#) to view the document.

Document Number : CHD 36 (27499) WC

Title of the document : Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 32 Chloride Second Revision

Document Type : Revision of Indian Standard (IS 3025 : Part 32 : 1988)

This document has following salient features which may require specific attention for your valuable comments:

- 1) This standard (Part 32) prescribes the following methods for the determination of chloride in water and wastewater: a) Argentometric Method (applicable in the range of 0.15 mg to 10 mg of chloride); b) Mercuric nitrate method; c) Potentiometric method; d) Automated ferricyanide method; and e) Dissolved anions by liquid chromatography of ions (The lower limit of application is $\geq 0,1$ mg/l for chloride. The lower limit of application depends on the matrix and the interferences encountered.; f) Liquid chromatographic separation using low-capacity anion exchanger (working range 0.1 mg/l to 50 mg/l); and g) Photometric detection .*
- 2) This standard prescribes four methods for the determination of chloride. The argentometric method is suitable for use in relatively clear waters when 0.15 to 10 mg of chloride is present in the portion titrated. The end point of mercuric nitrate method is easier to detect. Potentiometric method is suitable for coloured or turbid samples. The ferricyanide method is an automated technique. In case of any difference of opinion, the argentometric method shall be the referee*

method.

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 10 April 2025

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at chd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(AJAY KUMAR LAL)
Head (Chemical Department)
Email: chd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD 36 (27499)

दिनांक : 04-02-2025

तकनीकी समिति : Water Quality Sectional Committee, CHD 36

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CHD 36 (27499) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 10 April 2025

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

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