

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

जल और अपशिष्ट जल के नमूने लेने तथा परीक्षण (भौतिक एवं रसायन) की पद्धतियाँ
भाग 64 उपपादन द्वारा मिलकर प्लाज्मा मास स्पेक्ट्रोमेट्री (आईसीपी-एमएस) के अनुप्रयोग
— सामान्य दिशानिर्देश
(पहला पुनरीक्षण)

Draft Indian Standard

**Methods of Sampling and Test (Physical and Chemical) for Water and
Wastewater**

**Part 64 Application of Inductively Coupled Plasma Mass Spectrometry (ICP-
MS) — General Guidelines**

[First Revision of IS 3025 (Part 64)]

ICS 13.060.50

Water Quality Sectional Committee, CHD 36

Last date for Comments: 04.09.2024

Water Quality Sectional Committee, CHD 36

NATIONAL FOREWORD

(Formal clause will be added later)

This standard was first published in 2015 which was identical to ISO 17294-1: 2004. This revision has been undertaken to adopt the latest version of ISO 17294-1 published in 2024. In this revision, following changes have been incorporated:

- a) Scope has been revised to align with ISO 17294-2;
- b) Text has been revised to reflect currently available instruments used in routine daily practice in many laboratories;

c) Clauses 5 and 6 have been revised to reflect the state-of-the-art equipment used to measure elements according to ISO 17294-2;

d) Abbreviated terms in Clause 9 have been revised to align with common terms used in other standards;

c) Table A.1 has been updated.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a. Whenever the words ‘This document’, appears referring to this standard, they should be read as ‘This Indian Standard’.
- b. Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

The Technical Committee responsible for the preparation of this standard has reviewed the provisions of the below mentioned ISO/IEC standards and has decided that they are acceptable for use in conjunction with this standard.

International Standard

Title

ISO 5725-1	Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions
ISO 6206	Chemical products for industrial use — Sampling — Vocabulary
ISO Guide 33	Reference materials — Good Practice in using reference materials