

ICS 17.180.99

CCS L 50



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48094-2026

Test method of plasma parameters

等离子体参数测试方法

(English Translation)

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Foreword

GB/T 48094-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

It is under the responsibility of the Chinese Academy of Sciences.

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1 Scope

This document specifies a test method for plasma parameters. Plasma diagnostics are needed in fields such as plasma processing, materials research, vacuum and discharge physics, and the standard is aimed at research laboratories, equipment developers and process engineers who need a consistent way to measure and report plasma properties.

The Chinese Academy of Sciences is named as the responsible body, and the document takes effect on 1 March 2027. As a recommended national standard (GB/T), it is voluntary unless a contract or internal procedure makes it binding. Using a common test method makes results easier to compare between instruments, laboratories and projects, and it gives equipment buyers a reference when asking suppliers to show performance. It is a stand-alone method and not a revision of an earlier edition. Users should consult the full text for the parameters and techniques it addresses.