

ICS 75.060
CCS E 24



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

GB/T 48243-2026

**Natural gas upstream area - Determination of benzene and its
analogies - Gas chromatograph method**

上游领域天然气 苯系物含量测定 气相色谱法

(English Translation)

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Foreword

GB/T 48243-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 75.060; CCS E 24.

1 Scope

Aromatic hydrocarbons of the benzene series occur in natural gas and matter for health, safety and processing, and this standard sets out how they are determined in gas from the upstream area by gas chromatography. It is aimed at the laboratories of oil and gas producers, field operators, gas gathering and processing companies, environmental monitoring teams and third-party testing houses.

Sampling and analysis at the upstream stage, before gas is treated and sent into pipelines, gives operators the data needed for process control and for managing emissions and worker exposure. The document was issued on 28 September 2026 and takes effect on 1 April 2027 under the Standardization Administration of China. Our records show no earlier edition that it replaces, and no adoption of an international standard is indicated. It is a recommended national standard, so it is a reference method rather than a legal requirement, but it is likely to be cited in contracts and laboratory procedures within the Chinese gas industry.