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CCS G 17

SH

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

SH/T 1769-2025

Replacing SH/T 1769-2009

**Ethylene and propylene for industrial use-Determination of
trace sulfur compounds - Gas chromatographic method
(English Translation)**

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What this standard covers

This standard specifies the gas chromatography-flame photometric method for the determination of trace carbonyl sulfide in industrial propylene and the gas chromatography-sulfur chemiluminescence method for the determination of trace sulfides in industrial ethylene and propylene. The gas chromatography-flame photometric method of this standard is applicable to the determination of (0.3??3.0) mL/m³ carbonyl sulfide in industrial propylene, and the gas chromatography-sulfur chemiluminescence method is applicable to the determination of (0.03??10.0) mL/m³ hydrogen sulfide, carbonyl sulfide, methanethiol, ethanethiol, dimethyl sulfide, and ethyl sulfide in industrial ethylene and propylene.

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