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

SH/T 1549-2020

Replacing SH/T 1549-1993

**Light olefins for industrial use. Determination of water.
Guidelines for application of online analysers**

工业用轻质烯烃中水分的测定 在线分析仪使用导则

(English Translation)

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What this standard covers

This standard specifies guidelines for the working principle, general characteristics, analysis procedures, and result reports of online analyzers for the determination of trace moisture in light olefin gases. This standard does not cover all the technologies of the online analyzer for trace moisture in light olefins, and the unintroduced technologies do not mean that they are invalid. Due to the strong adsorption capacity of water molecules with strong polarity on glass or metal surfaces, it is difficult to accurately determine the trace moisture content in the gas in the analysis work. At present, the better way to solve this problem is to use online analysis technology. For continuous measurement in the sample airflow, it is not advisable to use the non-continuous measurement method by sampling.

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Standards quoted by this document

GB/T 5832.1; GB/T 5832.2-2016; GB/T 13289-2014; GB/T 13290-2014; JJF 1272; JJG 500; JJG 2046-1990