

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

SH/T 1054-2022

**Determination of purity and impurities of diethylene glycol for
industrial use - Gas chromatography**

工业用二乙二醇纯度和杂质的测定气相色谱法

(English Translation)

Issued on: September 30, 2022

Implemented on: April 1, 2023

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the gas chromatography method for the determination of the purity and impurities of diethylene glycol for industrial use. This standard is applicable to diethylene glycol samples for industrial use with a purity not lower than 99.0% (mass fraction). Among them, the detection limit of impurities such as ethylene glycol, triethylene glycol, 1,3-dioxolane-2-methanol, 1,4-dioxane-2-ol and 1,4-butanediol is 0.0020% (quality score).

Document data

Chinese classification (CCS): G16.

Estimated length of the Chinese original: 10,150 words.