

HG

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

HG/T 2409-2023

Replacing HG/T 2409-1992

**Determination of isocyanate group content in polyurethane
prepolymers**

聚氨酯预聚体中异氰酸酯基含量的测定

(English Translation)

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This standard specifies two methods for the determination of isocyanate group (NCO) content in polyurethane prepolymers or intermediate products: Method A, di-n-butylamine-anhydrous toluene/hydrochloric acid standard titration solution method; Method B, near-infrared spectroscopy. This standard is applicable to polyurethane prepolymer manufacturers or related parties using the di-n-butylamine-anhydrous toluene/hydrochloric acid standard titration solution method and near-infrared spectroscopy to determine the isocyanate group (NCO) content in the product. It can also be used Relevant units conduct research and quality control on this type of products.