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HG

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

HG/T 6149-2023

**Determination of silica crystalline phase content in
hydrogenation catalysts and their supports - X-ray diffraction
method**

加氢催化剂及其载体中二氧化硅晶相含量的测定 X射线衍射法

(English Translation)

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Table of Contents

1 Scope

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This standard specifies the use of X-ray diffraction method to determine the content of silica crystal phase in hydrogenation catalysts and their carriers. This standard is applicable to the determination of the α -silica crystal phase content in hydrogenation catalysts and their carriers in the range of 0.33% to 10.22% (mass fraction). The determination of low-temperature cristobalite crystal phase content in hydrogenation catalysts and their carriers can also refer to this standard, but this standard does not examine its precision.