

HG

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

HG/T 6116-2022

**Determination of sulfur, fluorine and chlorine content in waste
chemicals - Oxygen bomb combustion ion chromatography**

废弃化学品中硫、氟、氯含量测定 氧弹燃烧 离子色谱法

(English Translation)

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Table of Contents

1 Scope

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This standard specifies the method for determining the content of sulfur, fluorine and chlorine by ion chromatography after waste chemicals are treated by oxygen bomb combustion. This standard applies to the determination of sulfur, fluorine and chlorine element content in non-gaseous waste chemicals at room temperature. Method detection limit: sulfur 7.0mg/kg, fluorine 4.0mg/kg, chlorine 26.0mg/kg. If verified, this method can also be applied to the determination of bromine content in waste chemicals. This standard does not apply to samples that exist in samples or that produce insoluble sulfides and halides in oxygen bomb combustion.