

Translated English of Chinese Standard: GB/T7531-2008

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 71.040.40

G 15

GB/T 7531-2008

Replacing GB/T 7531-1987

**Determination of ignition residue
for organic chemical products**

有机化工产品灼烧残渣的测定

(ISO 6353-1:1982, Reagents for chemical analysis -

Part 1: General test methods, NEQ)

Issued on: June 04, 2008

Implemented on: December 01, 2008

**Issued by: General Administration of Quality Supervision, Inspection
and Quarantine;
Standardization Administration of the People's Republic of
China.**

Table of Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 General provisions	4
4 Method summary	5
5 Reagents	5
6 Instruments	5
7 Analysis steps	5
8 Result calculation	6
9 Allowable difference	6

Foreword

The degree of consistency between this Standard and 5.15 (GM15) of ISO 6353:1:1982, Reagents for chemical analysis - Part 1: General test methods, NEQ, is non-equivalent.

This Standard replaces GB/T 7531-1987, Determination of ash content for organic chemical products.

Compared with GB/T 7531-1987, the major changes of this Standard are as follows:

- Change the standard from "Determination of ash content for organic chemical products" to "Determination of ignition residue for organic chemical products" (cover of version 1987, cover of this version);
- Add the normative references (see Chapter 2 of this Standard);
- Change the volume of the crucible from (50 ~ 100) mL to (30 ~ 100) mL (3.3 of version 1987, 6.3 of this version).
- Modify the weighing mass from "it shall be based the acquisition of 5 mg ~ 30 mg of residue" to "it shall be based on the acquisition of not less than 3 mg of residue" (5.3 of version 1987, 7.3 of this version);
- Modify the allowable difference between two parallel determination results (Chapter 6 of version 1987, Chapter 7 of this version).

This Standard was proposed by China Petroleum and Chemical Industry Federation.

This Standard shall be under the jurisdiction of Organic Branch, National Standardization Technical Committee of Chemical (SAC/TC 63/SC 2).

The drafting organizations of this Standard: Jinan IFT Science & Technology Co., Ltd., Chemical Technology Academy of Shandong Province.

Organizations that participate in the drafting of this Standard: Hubei Yihua Chemical Industry Co., Ltd.

The drafters of this Standard: Han Shuxia, Zhang Guiqin, Li Shihui, Zou Benlian.

This Standard was first published in March 1987.

Determination of ignition residue for organic chemical products

Warning: This standard does not mention all safety issues that are related to the use of the standard. It is the responsibility of the user to take appropriate safety and protective measures and to ensure compliance with the relevant national regulations.

1 Scope

This Standard specifies the general method for the direct determination of ignition residues for organic chemical products.

This Standard applies to the determination of ignition residue content for organic chemical products.

2 Normative references

The terms in the following documents become the terms of this Part by reference to this Part. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this Part. However, parties to agreements that are based on this Part are encouraged to study whether the latest versions of these documents can be used. For undated references, the latest edition applies to this Part.

GB/T 603-2002, Chemical reagent. Preparations of reagent solutions for use in test methods (ISO 6353-1:1982, NEQ)

3 General provisions

Unless otherwise stated, use only reagents that are identified as analytical reagent in the analysis

The preparations and products that are used in the analysis are prepared according to the provisions of GB/T 603-2002 when no other requirements are indicated.

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----