

ICS 75.160.10

D 24



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

**中华人民共和国国家标准**

**GB/T 7702.1~7702.22-1997**

---

**Test Method for Granular Activated  
Carbon from Coal**

**煤质颗粒活性炭试验方法**

**Issued on December 03, 1997**

**Implemented on June 01, 1998**

---

**Issued by State Bureau of Technical Supervision**

## Contents

|  |   |
|--|---|
| <b>Foreword</b> .....                              | 1 |
| <b>1 Scope</b> .....                               | 2 |
| <b>2 Normative References</b> .....                | 2 |
| <b>3 Method Abstract</b> .....                     | 2 |
| <b>4 Instruments</b> .....                         | 2 |
| <b>5 Specimen and Its Preparation</b> .....        | 2 |
| <b>6 Determination Steps</b> .....                 | 3 |
| <b>7 Result Calculation of Determination</b> ..... | 3 |
| <b>8 Test Report</b> .....                         | 3 |

## **Foreword**

This standard is a new test method standard based on the requirements of national standard "Granular Activated Carbon from Coal (one-volume edition)".

This standard is issued for supporting implementation with national standard "Granular Activated Carbon from Coal (one-volume edition)" (GB/T 7701.1~7701.7-1997).

This standard has one year transitional period after entering into force.

This standard is proposed by China North Industries Group Corporation.

This standard is under the jurisdiction of the Standardized Research Institute of China Ordnance Industry Corp Co., Ltd.

Drafting unit: Shanxi Xinhua Chemical Co., Ltd.

Main drafters: Wei Guifen, Zhang Guohong, Zhang Zhongjie, Zhao Jijun and Luo Shiyan.

Shanxi Xinhua Chemical Co., Ltd. is responsible for the interpretation of this standard.

# Test Method for Granular Activated Carbon from Coal

## 1 Scope

This standard specifies the required instruments, steps and result calculation, etc. for the determination of floatation rate of granular activated carbon from coal.

This standard applies to the determination of floatation rate of granular activated carbon from coal (hereinafter referred to as the activated carbon).

## 2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

GB/T 7702.1 Standard Test Method for Granular Activated Carbon from Coal-Determination of Moisture Content

## 3 Method Abstract

Dry the sample, and immerse it into a container with quantitative water; stir and then keep static; remove the sample floating on the water surface and dry it to constant weight; calculate the floatation rate.

## 4 Instruments

4.1 Sensibility of balance: 0.0001 g.

4.2 Beaker: 500 mL.

4.3 Measuring cylinder: 100 mL.

4.4 Electrothermal constant-temperature drying oven: 0~300°C.

4.5 Stopwatch.

4.6 Horn spoon or stainless steel spoon.

4.7 Stainless steel spoon with mesh.

4.8 stainless steel plate with mesh.

## 5 Specimen and Its Preparation



北京文心雕语翻译有限公司  
Beijing Lancarver Translation Inc.

---

---

---

**完整版本请在线下单/Order Checks Online for Full version**

**联系我们/or Contact:**

TEL: 400-678-1309

QQ: 19315219 | Skype: Lancarver

Email : [info@lancarver.com](mailto:info@lancarver.com)

<http://www.lancarver.com>

---

---

**线下付款方式：**

**I. 对公账户：**

**单位名称：**北京文心雕语翻译有限公司

**开 户 行：**中国工商银行北京学清路支行

**账 号：**0200 1486 0900 0006 131

---

---

**II. 支付宝账户：**[info@lancarver.com](mailto:info@lancarver.com)

**III. Paypal:** [info@lancarver.com](mailto:info@lancarver.com)

---

---

注: 付款成功后，请预留电邮，完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱，如需索取发票，下单成功后的三个工作日内安排开具并寄出，预祝合作愉快！

**NOTE** All documents on the store are in electronic Adobe Acrobat PDF format, there is not sell or ship documents in hard copy. Mail the order and payment information to [info@lancarver.com](mailto:info@lancarver.com), you will shortly receive an e-mail confirming your order.

---

