

UDC 622-3: 543.05



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

**中华人民共和国国家标准**

**GB 2007.6-1987**

**Replace GB 2007-1980**

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**General Rules for the Sampling and Sample  
Preparation of Minerals in Bulk  
Determination of Moisture Content — Heat  
Drying Method**

**散装矿产品取样、制样通则**

**水分测定方法—热干燥法**

**Issued on December 15, 1987**

**Implemented on October 01, 1988**

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**Issued by National Bureau of Standards**

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

<b>General Rules for the Sampling and Sample</b>	<b>UDC 622-3:543.05</b>
<b>Preparation of Minerals in Bulk</b>	<b>GB 2007.6—87</b>
<b>Determination of Moisture Content — Heat Drying</b>	Replacing GB 2007—80
<b>Method</b>	

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## **1 Scope of application**

This standard applies to the determination of moisture content of ore described in GB 2007.1, but does not apply to some easily oxidized sulfide ore.

## **2 Normative references**

GB 2007.1 General rules for the sampling and sample preparation of minerals in bulk-Sampling by manual method

GB 2007.2 General rules for the sampling and sample preparation of minerals in bulk-Manual method of sample preparation

## **3 Instruments**

3.1 Drying plate: stainless metal plate that the surface is smooth and clean, which can accommodate a specified number of samples that thickness of sample layer does not exceed 31.5mm.

3.2 Drying oven: Blower device that has adjustable temperature control device with temperature error of less than  $\pm 5^{\circ}\text{C}$  and can make air flow inside the drying oven without blowing away the samples.

3.3 Balance: Maximum weighing is no less than 3 000g and resolution is 0.1g.

## **4 Sample**

Sample and prepare samples in accordance with relevant standards. For samples that is too wet or sticky and thus hard to sift, crush or divide, samples can be pre-dried until sample preparation is not difficult (see annex a). Minimum mass of required aqueous sample is as shown in table 1.



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