Chinastandards.org

CCS D 41

SN

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 0065.1-2011

Replacing SN 0065.1-1992

Method for determination of europium-rich, yttrium-rich, Sm-Eu-Gd oxides for import and export. Part 1: Determination of moisture content

进出口富铕、富钇、钐铕钆氧化物测定方法 第1部分：水分的测定

(English Translation)

Issued on: February 25, 2011 **Implemented on: July 1, 2011**

Issued by: General Administration of Customs

Preview: page 1 of 4 shown, 4 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-0065-1-2011

Chinastandards.org

Table of Contents

Foreword
1 Scope
2 Normative references
3 Method summary
4 Instrument
5 Sample
6 Step, Analysis
6.1 Sample
6.2 Determination

Foreword

SN/T 0065 "Importers rich europium, yttrium-rich, samarium, europium, gadolinium oxide measurement method" standard series is divided into three parts.

--- Part 1. Determination of moisture

--- Part 2. Determination of loss on ignition

--- Part 3. Determination of total rare earth oxides this section SN/T Section 10065 of.

This Part replaces SN 0065.1-1992 "export europium rich, rich yttrium, europium, gadolinium, samarium oxide determination of moisture measurement method --- the weight of law." ". Chemical analysis methods - Part 4 standard writing rules" provisions of this section in accordance with SN 0065.1-1992 GB/T 20001.4 be revised.

This section compared with SN 0065.1-1992 main changes are as follows.

--- Add a description of the preamble;

--- Delete the obsolete GB 4471 "between Chemical test method precision laboratory tests to determine the repeatability and reproducibility";

--- This section, delete the original standard "milled water sample through a 200 mesh sieve" unreasonable terms;

--- Given precision repeatability limit, the reproducibility of the method has been covered limit measurement range, delete the original standard "7.2 critical difference calculation" Terms.

This section proposed and managed by the National Certification and Accreditation

Preview: page 2 of 4 shown, 4 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-0065-1-2011

Administration Committee.

1 Scope

SN/T 0065 provisions of this part of the import and export rich europium, samarium and yttrium-rich determination of europium, gadolinium oxide moisture.

This section applies to the import and export rich europium, samarium and europium measured yttrium-rich gadolinium oxide moisture. Measuring range. 0.10% to 2.00%.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 6379.2 measurement methods and results of Accuracy (trueness and precision) - Part 2. Determine the standard measurement method to repeat of the basic methods of reproduction

3 Method summary

The sample after 105 °C ± 5 °C oven dried to constant weight, measured losing quality material.

4 Instrument

4.1
Analysis of balance. a sense of the amount of 0.1mg.

4.2
flat glass weighing bottle. diameter 60mm ~ 70mm, height 35mm or less.

4.3
Electric oven. Maximum temperature range 300 °C.

5 Sample

The sample was simple, rapid mixing, and sealed in plastic bags, used as a moisture measurement.

6.1 Sample

Weigh about 5g sample, accurate to 0.0001g.

Independently carry out two measurements, the results of the arithmetic mean.

Preview: page 3 of 4 shown, 4 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-0065-1-2011

Chinastandards.org

6.2 Determination

The sample (see Chapter 5) placed by the 105 °C ± 5 °C constant weight of glass weighing bottle, lid, moved into an oven from room temperature 105 °C ± 5 °C maintained 2h. Remove and close the lid, moved into the dryer to cool to room temperature and weighed. Repeat dried to constant weight.

Poor quality does not exceed 2mg twice before and after is a constant weight.

Preview: page 4 of 4 shown, 4 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-0065-1-2011