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

GB/T 22563-2008

**All grades of fluorspar -- Determination of moisture content of a
lot**

萤石的水分测定

(English Translation)

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Foreword

This standard is identical with ISO 8875:1992 "Determination of Moisture fluorite." the standard proposed by China Iron and Steel Association.

This standard is under the jurisdiction of the National Steel Standardization Technical Committee.

This standard was drafted. Wuhan Iron and Steel (Group) Corporation, Metallurgical Industry Information Standards Institute.

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GB/T 22563-2008/ISO 8875:1992 Moisture fluorite

1 Scope

This standard specifies the scope of the determination of the average quantities of water fluorite methods, terms and definitions, principles, equipment, samples, measuring step, results Content calculation and test reports.

This standard applies to all grades of fluorite, namely acid grade, ceramic grade and three metallurgical grade (concentrate, pellets and ore) water Determination.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 22564-2008 fluorite sampling and sample preparation (ISO 8875:1992, IDT)

3 Terms and Definitions

GB/T 22564 in determining the terms and definitions apply to this standard.

Principle 4

A sample in an oven at $105\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$, the drying to a constant quality.

5.1 Drying trays

The surface is smooth, non-polluting, can 1kg or more sample paved with a layer thickness of not more than 10mm in the tray.

5.2 Oven

Configuring temperature indicator, can any inner-point temperature control oven at $105\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$, and maintained at that temperature. In order to ensure effective Dried, oven equipped with the fan, so that the inside air circulation, all of the air in 1h replaced at least 3 times, no loss of the sample.

5.3 Weighing device

Or better sensitivity 1g 1g, to ensure accuracy achieve reproducible results. Should use appropriate insulation, protection weighing device not affected by hot dry state disk.

6 Sample

And preparation of samples should be GB/T 22564-2008 provisions of Chapter 6 and 9.2 were. Each batch should be prepared 2 or 2 parts of more than one specimen. The total amount of each sample should meet the needs of each water sample to be measured. The quality of the sample should be 1kg or more than 1kg, most Large size should be -10mm.

7 Test Procedure

7.1

Determination of the number of each sample once Moisture.

7.2 Determination

Weighing the dry plate (5.1) accurate to 1g.

GB/T 22563-2008/ISO 8875:1992