

ICS 73.080
CCS D53



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

GB/T 14506.2-2010

Replacing GB/T 14506.2-1993

**Methods for chemical analysis of silicate rocks - Part 2:
Determination of combined water content**

硅酸盐岩石化学分析方法 第2部分：化合水量测定

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Standardization Administration of China**

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Classification and status

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Foreword

GB/T 14506 "Methods for chemical analysis of silicate rocks" 30 consists of the following components.

- Part 1. Determination of water absorption;
- Part 2. Determination of combined water;
- Part 3. Determination of the amount of silica;
- Part 4. Determination of the amount of aluminum oxide;
- Part 5. Determination of total iron content;
- Part 6. Determination of calcium oxide content;
- Part 7. Determination of the amount of magnesium oxide;
- Part 8. Determination of the amount of titanium dioxide;
- Part 9. Determination of the amount of phosphorus pentoxide;
- Part 10. Determination of the amount of manganese oxide;
- Part 11. Determination of the amount of sodium hydroxide and oxide;
- Part 12. Determination of the amount of fluorine;
- Part 13. Determination of sulfur content;

1 Scope

GB/T 14506.2-2010 is the Chinese national standard on methods for chemical analysis of silicate rocks - part 2: determination of combined water content, in the field of mining and minerals. The /T suffix marks it as a recommended standard: it is not compulsory by itself,

but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 November 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2011. Classification: ICS 73.080, CCS D53. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 14506 provisions of this part of the determination of silicate rocks combined water. This section applies to silicate rocks Determination of combined water, also applies to the measurement of soil and stream sediments combined water. Measurement range. greater than 0.5% combined water.

2 Normative references

The following documents contain provisions which, through reference

GB/T 14506 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 14506.1 Silicate rocks - Part 1. Determination of water adsorption Principle

3 Within the sample tube placed in a double end ball, burning at high temperatures, moisture condensation escape in the middle of the sphere, weighing, drying and then said Heavy, poor quality is the combined water content.

4 instruments and equipment

4.1 pairs of the tube, is shown in Figure 1. Millimeters

Note. material is a hard glass.

1 pair bulb schematic diagram

4.2 tubules long-necked funnel.

4.3 There capillary glass tube rubber stopper.

4.4 Balance. three, a sense of the amount of 0.1mg.