

The Technical Association of Refractories, Japan(TARJ)
Certified Reference Material Series for Sulfur Analysis of Refractories
JRRM 1101—1106 (Series No.1 for Analyzer for Sulfur Impure Refractories)
Instruction Manual

1. General

This Series of Certified Reference Materials (SeRM), Series No.1 JRRM 1101-1106, for Sulfur Analysis of Refractories was prepared in conformity with ISO Guide 0034 (Quality system guidelines for the production of reference materials) by TARJ. These certified values were determined with statistical calculation using round robin analytical values in conformity with ISO Guide 0035 (Certification of reference materials — General and statistical principles) and ISO 5725 series [Accuracy (trueness and precision) of measurement methods and results] by TARJ.

First, these values were studied and discussed in view of analytical techniques within the analytical subcommittee. They were adopted on February 2, 2010, and certified by the TARJ standardization committee on February 16, 2010.

Please, read the instruction manual before using the JRRM series.

We are stocked not only with this sulfur analysis SeRM but also complete X-ray fluorescence spectrometry and carbon analysis SeRMs. They are distributed by SEISHIN TRADING CO., LTD..

2. Scope

This SeRM is applicable for preparation of sulfur calibrations by sulfur analyzer.

3. Cautions for storage and handling

- (1) The RM must be stored under dry conditions in which the temperature and humidity are kept constant, out of direct sunlight.
- (2) The RM should be kept homogeneous. The RM must be kept in a place with no vibrations, and must be mixed well before using.
- (3) Only the minimum amount needed should be taken from the bottle. The remainder must not be put back in the same bottle.
- (4) The RM is transferred from the bottle into a drying container, e.g. a flat weighing bottle, dried for 2 hours at 110 ± 5 °C, and cooled to room temperature in a desiccator.

Prepared, Values
given and certified by

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