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

GB/T 23119-2017

**Household and similar electrical appliances -- Water for
performance testing**

家用和类似用途电器 性能测试用水

(English Translation)

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1 Scope

This Standard describes the preparation of four types of water of different hardness, conductivity and alkalinity, intended to be used for testing the performance of household appliances (such as washing machines, dishwashers, tumble dryers, steam irons etc.).

It defines the characteristics of these waters and establishes various methods to be used for obtaining them. It also includes specifications for required measurements.

2 Normative References

The following documents are indispensable to the application of this document. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to this document.

ISO 6059, Water Quality - Determination of the Sum of Calcium and Magnesium
- EDTA Titrimetric Method

ISO 7888, Water Quality - Determination of Electrical Conductivity

ISO 9963-1, Water Quality - Determination of Alkalinity - Part 1: Determination of
Total and Composite Alkalinity

ISO 10523, Water Quality - Determination of pH

3.1 Terms and definitions

For the purposes of this document, the following definitions apply.

3.1.1 Water hardness

parameter indicating the quantity of alkaline earth salts (bicarbonates, sulphates, chlorides etc.) present in the water