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CCS W 04



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

GB/T 2910.3-2009

**Textiles -- Quantitative chemical analysis -- Part 3: Mixtures of
acetate and certain other fibers (method using acetone)
(English Translation)**

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1 Scope

This part of GB/T 2910 specifies a method, using acetone, to determine the percentage of acetate, after removal of non-fibrous matter, in textiles made of binary mixtures of acetate and wool, animal hair, silk, regenerated protein, cotton (scoured, kiered, or bleached), flax, hemp, jute, abaca, alfa, coir, broom, ramie, cupro, viscose, modal, polyamide, polyester, acrylic and glass fibres.

It is not applicable to mixtures containing modacrylic fibres, nor to mixtures containing acetate fibres that have been deacetylated on the surface.

2 Normative references

The following standards contain the provisions which, through reference in this part of GB/T 2910, constitute the provisions of this Part. For dated references, subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this

Part.

GB/T 2910.1, Textiles - Quantitative chemical analysis - Part 1. General principles of testing (GB/T 2910.1-2009, ISO 1833-1:2006, IDT)

3 Principle

The acetate is dissolved out from a known dry mass of the mixture, with acetone.

The residue is collected, washed, dried and weighed, its mass, corrected if necessary, is expressed as a percentage of the dry mass of the mixture. The percentage of acetate is found by difference.

4 Reagents

Use the reagents described in GB/T 2910.1 together with that described in 4.1.

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