

ICS 59.080.01

CCS W 04



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

GB/T 2910.8-2009

**Textiles -- Quantitative chemical analysis -- Part 8: Mixtures of
acetate and triacetate fibers (method using acetone)**

(English Translation)

Issued on: June 15, 2009

Implemented on: January 1, 2010

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine**

Table of Contents

Foreword...	3
1 Scope...	6
2 Normative references...	6
3 Principle...	6
4 Reagents...	6
5 Apparatus...	7
6 Test procedure...	7
7 Calculation and expression of results...	7

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 triacetate fibres.

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 fibre is dissolved out from a known dry mass of the mixture, with aqueous acetone. The residue is collected, washed, dried, and weighed; its corrected mass is expressed as a percentage of the dry mass of the mixture.

The percentage of acetate is found by the difference

4 Reagents

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

4.1

Acetone, aqueous solution, 70%, (volume fraction).

Dilute 700 mL of acetone to 1 L with water.

.....