

Australian Standard®

AS 4823.1—2006

Feather and down—Methods of test

Method 1: Determination of moisture content

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CS-035, Continental Quilts to supersede part of AS 2479—1987, *Down and/or feather filling materials and filled products*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The Committee referred to EN 1161:1998, *Feather and down—Test methods—Determination of moisture content* when developing this Standard.

METHOD

1 SCOPE

This Standard specifies a procedure to determine the moisture content of an individual sample of feather and down.

2 DEFINITION

For the purpose of this Standard, the following definition applies.

2.1 Moisture content

The ratio between the loss of mass of a test specimen by drying at $(105 \pm 2)^\circ\text{C}$ and the initial mass of the same test specimen.

3 PRINCIPLE

The moisture content is determined by drying the test specimen at $(105 \pm 2)^\circ\text{C}$ until a constant mass is obtained. The test specimen is weighted before and after this operation.

4 APPARATUS

4.1 An analytic balance

With sensitivity of 0.1 mg.

4.2 Weighting containers

Water-vapour proof and with tightly fitting lids.