

CONTENT ANALYSIS

成分分析

METHOD NUMBERS. 測試方法: IDFB Part 3. EN 12131. JIS 1903. GB/T 10288-2003. AS 4823.3. KS K 0820 7.1 CNS 2119 N1034. VSB-NORM NR. 1.05



WHAT IS IT?

Content analysis identifies the components of a down and feather sample. (Also called the “composition” test.)

HOW IS IT DONE?

A specific weight of material is hand separated into component categories. **The test has two parts:**

- The *first separation* classifies larger components into the following categories: *down with fibers, feathers, broken and damaged feathers, landfowl, and residue.*
- The *second separation* classifies smaller components from a sub-specimen of the *down and fibers* category. The categories of the second separation are: *down clusters, down fiber, feather fiber, landfowl fiber and any additional residue and tiny feathers.*

WHAT DO THE NUMBERS MEAN?

The content analysis report gives the percentages by weight of each component category. A sample report:

73.3% Down Cluster
7.2% Down Fiber
4.1% Feather Fiber
11.4% Waterfowl Feathers
1.5% Broken/Damaged Feathers
1.3% Landfowl Feathers / Fibers
1.2% Residue

WHY DO IT?

Governments and buyers require labeling of finished products. The component percentages are the basis of the product label. The various systems for labeling help consumers and manufactures buy and sell different quality products in a fair and level marketplace.

什麼是成分分析？

成分分析是鑑定羽絨樣品的各個組成成分（也叫做成分檢測）。

怎麼檢測？

檢測人員用手將一定數量的樣品分組歸類。檢測有兩個部分：

- 第一次分離：把較大成分的樣品歸類：包含絨絲羽絲的羽絨，羽毛，損傷毛，陸禽毛，以及雜質。
- 第二次分離：從分類後的包含絨絲羽絲的羽絨中取出一小部分進行第二次分離，將其分類為：絨朵，絨絲，羽絲，陸禽毛絲，以及任何其它的雜質與小羽毛。

數據的含義是什麼？

成分分析的報告提供各個成分分類的重量百分比。下面是一個例子：

73.3% 絨朵
7.2% 絨絲
4.1% 毛絲
11.4% 水禽毛
1.5% 損傷毛
1.3% 陸禽毛絨絲
1.2% 雜質

為什麼檢測？

政府與消費者要求成品貼標籤。成分的百分比是產品標籤的根本。各種標籤的制度幫助消費者與生產者公平的在市場上買賣不同質量的產品。

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