



STS Directory

Accreditation number: STS 0621

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

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Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 05.02.2021

Testing laboratory for Feathers and Down

Category of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Textiles		
Feathers and Down		
Quality control of feather and down filling materials	Manual separation into defined components of feather and down filling materials	EN 12131 Feathers and down – testing procedures – Determination of the quantitative composition of feather and down (manual method)
Classification of feather and down filling materials from the analyses	Evaluation of the composition analysis (based on EN 12131), classification of the fillings into quality grades, securing quality labels	EN 12934 Feathers and down – Composition labeling of processed feathers and down for use as sole filling material
Quality control of feather and down filling materials	Manual separation into defined components of feather and down filling materials, Weighing and calculating percentages	IDFB Part 03 Composition of down and feathers



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Category of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Determination of the "filling power"	Measuring of the filling height of a certain mass of feathers and down in a measuring cylinder of certain diameter & under a defined load. Conversion into filling volume (cm ³ /g)	EN 12130 Feathers and down – Test methods – Determination of the filling power (bulk density)
Determination of the "filling power"	Measuring of the filling height of a certain mass of feathers and down in a measuring cylinder of certain diameter and under a defined load	IDFB Part 10 B Filling Power Steam Method
Oxygen Number of an aqueous extract	Shaking of a feather and down sample in water to obtain an aqueous extract; determination by the use of oxidizing agent	EN 1162 Feather and down – Test methods – Determination of the oxygen index number IDFB Part 07 Oxygen
Turbidity of an aqueous extract	Shaking of a feather and down sample in water to obtain an aqueous extract; determination of turbidity (transparency)	EN 1164 Feather and down – Test methods – Determination of the turbidity of an aqueous extract IDFB Part 11 B Determination of the Turbidity with the Glass Tube
Species	Determination of the Species of Down and Feathers	IDFB Part 12 Feather and Down Species

Abbreviation	Signification
DIN	Deutsches Institut für Normung (German Institute for Standardization)
EN	European Standard (European Norm)
IDFB	International Down and Feather Bureau
IDFL	International Down and Feather Testing Laboratory
PAS	Publicly Available Specification

In case of contradictions in the language versions of the directories, the German version shall apply.

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