

DOWN & FEATHER TESTING / ANALYSIS



"Committed To Quality"

fiti FITI Testing &
Research Institute

Check Your Down and Feather Quality

Looking into Down and Feather

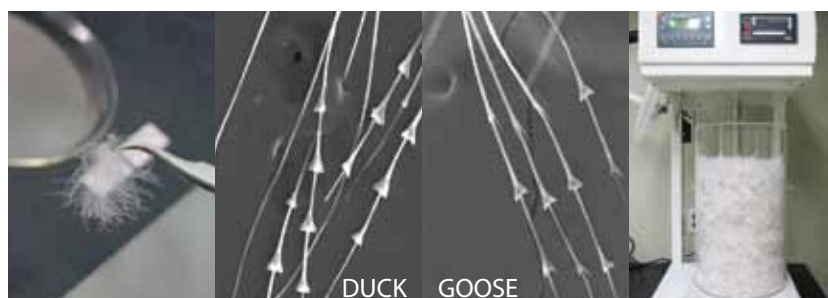
Over the last few years, abnormal changes in climate brought abrupt cold waves around the globe. As a result, down filled products gained popularity among consumers for their superior heat preserving properties and lightness. On the other hand, the growing consumption of down products also created concern for their quality; as a result, a number of testing methods have been developed to verify different properties of down and feather filling materials.

Our services are Ready for You

With highly trained technicians and precise testing equipments, FITI Testing & Research Institute offers you down and feather quality tests ranging from content analysis to performance testing. FITI's technical consultants are also available to provide you with updated regulatory information, such as labeling rules for different countries.

Key Benefits

- Check and improve your down product quality
- Protect brand integrity
- Technical and regulatory information support



Basic Analysis

Content Analysis

down and feather composition

- Content analysis of goose down and duck down
- Content analysis of down filling mixed with polyester filling
- Black point content analysis

Fill Power

bulkiness of down and feather filling material

- Calculates by measuring the volume or height of certain weight of down and feather filling
- Proportional to the amount and size of down component

Down Proof Properties

resistance to leakage of down and feather filling material

- Two test methods: tumble method, rubbing method

Cleanliness Analysis

cleanliness of washed and sterilized down filling material

- Oxygen number
- Turbidity
- Moisture content
- Odor
- Fat and oil content

Advanced Analysis

Durable Water Repellent Analysis

water and moisture resistance properties of down

- Hydrophobic shake
- Added water weight
- Water absorption
- Laundry durability

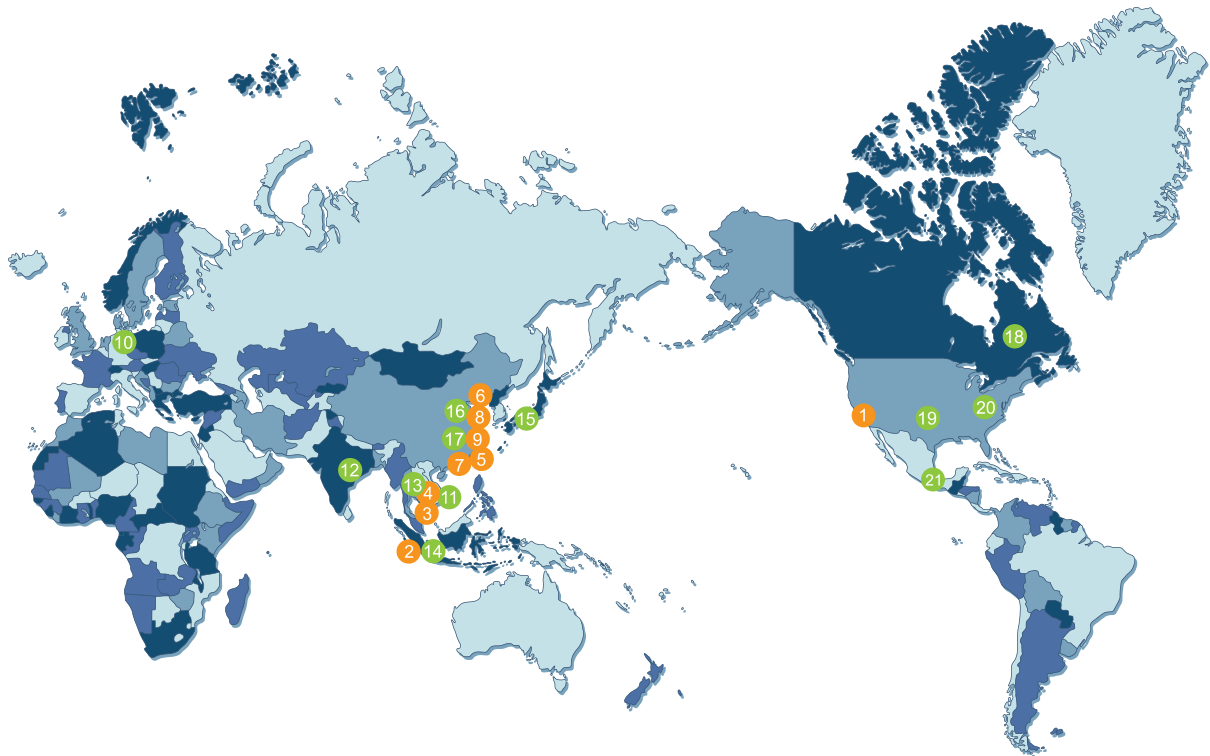


Species Identification

- Species analysis of fur trims used on clothing by protein fingerprint analysis (MALDI-ToF Mass Spectrometry / SEM)



FITI GLOBAL NETWORK



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|---------------------------------|-----------------------------|-----------------|
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| ② FITI Indonesia Jakarta Branch | ⑨ FITI China Qingdao Center | ⑯ China CTA |
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