



BUREAU
VERITAS

MATERIAL TRACEABILITY TESTING SOLUTIONS

- ✓ Exclusive partnership with our Origin and Authenticity Labs for many years
- ✓ Worldwide database for Cotton Origin
- ✓ Work with World Leading Retailers & Brands
- ✓ Access to Digital Traceability Platform as well as Traceability Audits & Inspections

Traceability provides a basis for establishing credible **sustainability, quality** or **origin** claims and attributing them to end products. This can be to validate **material origin** or **cotton type**. With our forensic science & data solution, we can pinpoint the **exact source of any organic material**, and whether it **originates from ethical sources**, or not.

HOW DO YOU GET STARTED?

BV provides a wide range of product traceability and testing solutions to meet the demand of the regulators and your ESG requirements. We provide two type of **cotton traceability** testing.

WHY IT MATTERS?

- ✓ **Regulatory Compliance.** With the regulators uphold the rules to verify the origin of the products, retailers and brands need to provide the evidence to prove the source of their commodities.
- ✓ **Material Integrity.** With the complexity of supply chains in the textile industry, there is a significant risk of blending and substitution of material types – it can be a challenge to validate the authenticity of a products source material

✓ Material Origin.



DID YOU KNOW?

of people say **origin** matters when deciding what brands they like and support in 2022 up from 35% in 2021

43%

Source: Environmental Leader 2022

1. ORIGIN Testing (ISOTOPE)



Testing material at any stage to check it is consistent with where it claims to be from

2. AUTHENTICITY Testing (DNA)

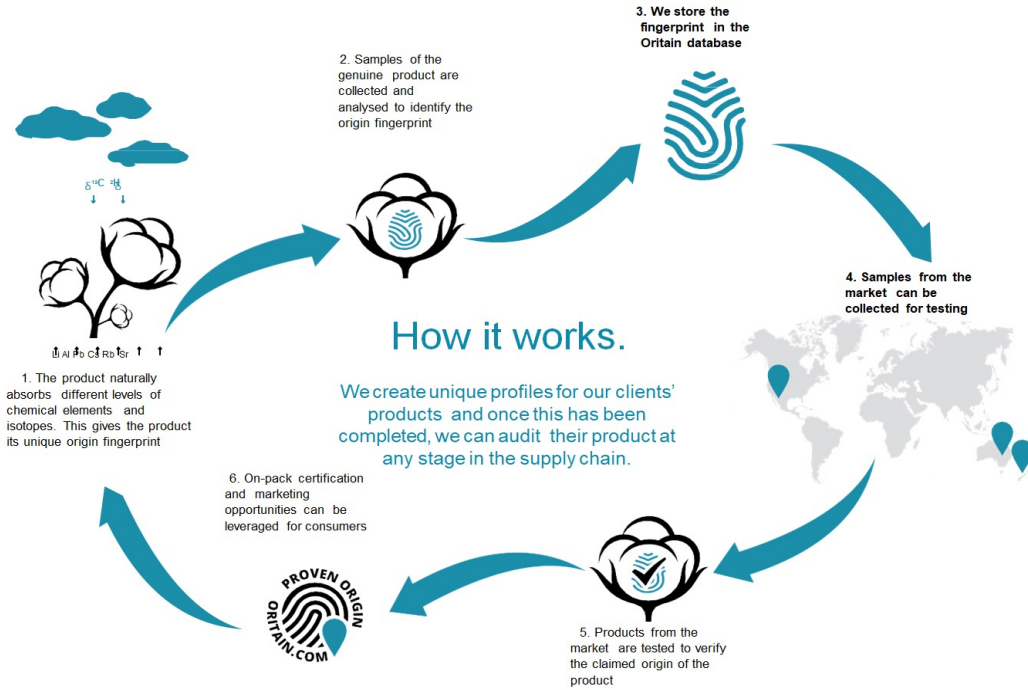


Verifying the authenticity of cotton products covering Egyptian, PIMA, Upland and blends.

1. MATERIAL ORIGIN TESTING

Our team **collects genuine samples** of the product for analysis. Following analysis, our specialists create a profile of the genuine product which represents its **'origin fingerprint'**.

These unique origin fingerprints are stored in the Oritain database and cannot be tampered with, replicated or destroyed. This origin fingerprint is used to test your products throughout the supply chain and scientifically verify if the product is consistent with its claimed origin.



2. COTTON AUTHENTICITY TESTING

Bureau Veritas Cotton Identification & Authenticity Testing Service uses exclusive DNA technology developed to conclusively identify Egyptian Cotton, Pima Cotton, Upland Cotton, and blends. This testing can be done on cotton and cotton products in any stage of production. Our testing methodologies involve with the **Real Time Polymerase Chain Reaction (PCR) and DNA Sequencing**.

We have an exclusive alliance with our partner laboratory in Egypt, a facility which is highly regarded within the industry. Our internal DNA extraction method has received accreditations and endorsements from several official bodies, including:



Ministry of Scientific Research and Academy of Scientific Research & Technology (Egypt)



University of Agricultural Science and College of Agriculture-Dharwad (India)



Egyptian Accreditation Council (EGAC)



International Laboratories Accreditation Cooperation (ILAC)



Bureau Veritas - Your Sustainability and Product Traceability Partner

Bureau Veritas has long partnered with different industry stakeholders to assist in product quality and compliance. With our comprehensive product testing and traceability solutions which can improve the transparency and meet the regulatory compliance.

WHY BV?



SUPPLY CHAIN TECHNICAL SPECIALISTS

- Deep and wide technical and testing expertise in any commodity

- Best evaluation methodology in the TIC market



DECADES OF TRACEABILITY EXPERIENCE

- Ability to connect all actors in your supply chain

- Ability to provide end-to-end traceability solutions to meet your challenges



GLOBAL PRESENCE

- Presence in Over **40+** countries

- 12,000+** Specialists cover all stages of the supply chain

We provide a comprehensive suite of supply chain sustainability services for the industries leading schemes, including:



Interested to learn more about what we have to offer? **Contact us today to book an appointment** with our representatives and discuss your needs.

About Us

Bureau Veritas Consumer Products Services provides testing, inspection and audits, certification and advisory services to assist businesses in validating and delivering consumer and technology products.

We help our clients across all industries to address increasing market and industry challenges and to improve their performance in quality, health and safety, environment protection and social responsibility.

With a global network, we assist businesses to produce safe, quality and sustainable products and gain faster market access while mitigating risks of recalls and returns.

Interested?

Would you like to learn more about our services?

Contact us today!

 www.cps.bureauveritas.com

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Shaping a World of Trust

