



### Cotton controlling services

Our highly qualified field experts oversee all loading and unloading operations in ports, factories, and warehouses. In addition, we ensure containers, rail cars and trucks are all clean and ready to go.

We conduct and/or supervise weighing and sampling operations in gin yards, warehouses, storage areas and spinning mills.

Our seal-breaking, devanning and tallying (SDT) services will verify seals and confirm any short or over landed bales as well as their external condition.

Conduct all cotton classing and testing at our industry-leading facilities, where we can test drawn or provided samples. Our state-of-the-art laboratories offer a range of analytical services – including HVI and humidity testing – as well as traditional manual cotton classifications.

Our damage surveys will reveal the impact of country damage or fire damage whilst our foreign matter surveys will quantify levels of contamination. We also inspect warehouses to confirm their suitability for cotton bale storage – and to manage potential risks. Thanks to our stock monitoring services, you can check whether your cargo is available and stored correctly.

Our audit and certification solutions will assess your operations according to the latest regulations – and certify your operations accordingly.

With over 75 years' experience, SGS is the benchmark for quality and trust in the cotton industry.

Leverage our independent global network to access critical resources in all countries involved in the production, transit, and consumption of raw cotton. We deliver a diverse array of services in accordance with trade association rules, client requirements and traditional best practices, with the utmost integrity and reliability. Our innovative traceability solutions allow our customers to verify their cotton materials efficiently and reliably – providing detailed tracking of the raw material from farm to retail.

## Ushering in the future of traceability

The cotton sector is moving away from paperbased trails, transaction certificates and individual actors managing their own systems in isolation. There is a clear market need for organizations to identify cotton origin, variety and conditions of harvest. Today, multiple innovative new technologies make this possible.

#### Stable isotope analysis

This technology reveals a product's origin by identifying its unique 'fingerprint', which is derived from the natural chemical compositions that materials acquire when they grow in a specific location. This isotopic pattern, combined with the measurement of other trace

elements that vary naturally throughout the environment, can be stored in a database for comparison.

#### **DNA traceability**

Original DNA (or DNA tags) can be used to track supply chains and identify forgeries. DNA is invisible, difficult to recreate and requires specialized techniques to detect.

#### Other tags

Other chemical tags can be used to track supply chains and identify forgeries. This process generally requires the addition of fluorescent dyes or other compounds. These emit characteristic spectra which can then be detected with the appropriate detectors.

#### Sustainability

SGS is the trusted verification partner of various voluntary and private cotton sustainability schemes. Whether you require chain of custody, identity preservation or a mass balance system, we have the skills and experience to offer the solutions you need.

We are active and committed members of various leading cotton associations, working to bring peace of mind, trust and credibility to the global cotton sector.

To find out more about how we can help your organization, please get in touch.

Cotton Trusted.

Independent. Committed.

LEARS OF SUCCESS

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WHEN YOU NEED TO BE SURE

SGS

SFS