



Cosmetics Testing Brochure

Ensure the quality and compliance of your products as well as the reliability and sustainability of your supply chain with our cosmetics testing, inspection, and certification services.

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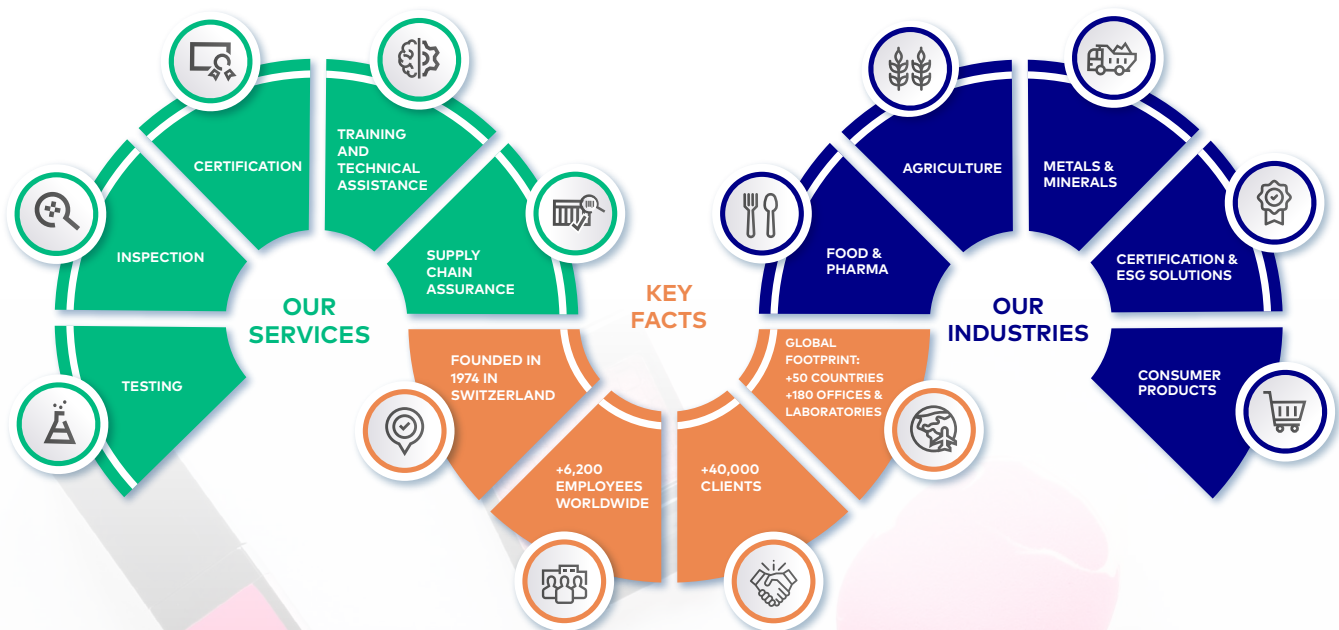
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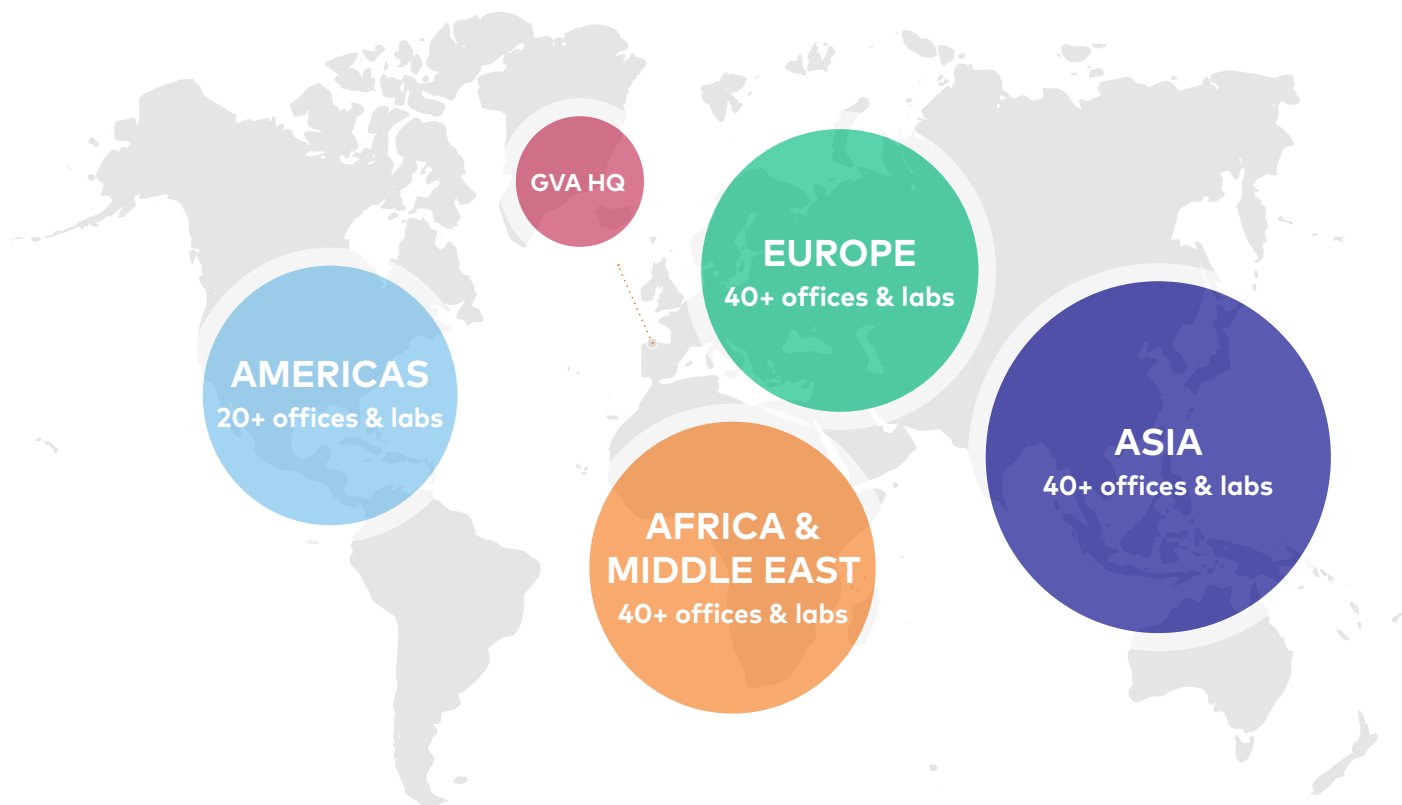


Cotecna is a global provider of testing, inspection & certification services.



Cotecna provides state-of-the-art and reliable analytical services to guarantee product safety along the entire supply chain. Our network of experts ensure that your cosmetic products conform to your specifications and any relevant standards.

We help you guarantee the quantity, specifications, measurements, and regulatory compliance of your products. We also verify that packaging, labelling, instructions and markings are in accordance with mandatory standards, and that your suppliers adhere to contractual obligations.



We **DREAM** of being your essential partner for TIC services by differentiating ourselves through technical expertise, innovation, proximity, and reactivity.

We **DARE** to act as challengers by taking risks to build our company and offering you solutions tailored to your needs.

We **DELIVER** on our customer promise, which creates credibility in our abilities

140+
offices
& labs

7,000+
employees



50
countries



Cotecna is able to provide testing for cosmetic products, including acne care, body care, sunscreen and sun protection, hair care, nail care, makeup, detergents, shampoos, conditioners, hair cream, lipstick, and textiles.



Testing

Our network of accredited laboratories test your products against international, regional and domestic specifications, protocols, and standards. Our testing scope includes:

- > **Physical and chemical testing**
- > **Microbiological testing**
- > **In vivo efficacy testing**
- > **In vivo safety testing**
- > **Consumer Science**
- > **Sensory analysis**
- > **Stability and Period After Opening (PAO - Period After Opening)**
- > **Content - packaging compatibility studies**
- > **Labelling requirements**



Inspection

Cotecna offers different inspection services depending on the stage of production and packaging:

> **Initial Production Inspection (IPI)**

We check the raw materials or components stored by the manufacturer to produce an order. We also inspect the initial production run at the factory.

> **During Production Inspection (DPI/DUPRO)**

We verify semi-processed or processed goods when a minimum of 40% of an order has been produced.

> **Final Random Inspection (FRI)**

We control finished products when at least 80% of an order has been export-packed.

> **Cargo Container Loading Supervision (LS)**

We ensure that an order is completed and safely loaded in a container before shipment.

We also offer:

- 100% Inspection/Shorting Inspection
- Supplier verification/Supplier quality verification program
- Pre shipment Certificate of Inspection (COI)
- Factory Quality Audit



Certification

We offer the following certifications:

- > **Product and Management Systems Certification**
- > **Product Certification**
- > **Certificates of Conformity (COC)**
for conformity assessment programmes
- > **Sustainability Certification**



Halal Certification

Halal certification ensures that your cosmetic products comply with Islamic/Shariah standards. These products must comply with specific rules for production and other quality standards set by Islamic Sharia.

Cotecna is authorized to provide halal services globally by:

Accredited by the GCC Accreditation Center (GAC - HPC 0060)

**Notified from MoIAT (Ministry of Industries and Advance Technology)
- United Arab Emirates**

Accredited by the Saudi Food and Drug Authority (SFDA)

Halal Certification includes the testing and inspection of products, quality management systems, manufacturing process, and factories to determine compliance.



Audit

Our audits ensure your supplier has the required competence, compliance and capability to meet your needs.

- > **Factory Audits**

We provide assessment of a manufacturer's Quality Management System (QMS) and perform surveillance audits of their production processes.

- > **Social Audits**

We verify both the health and safety standards and compliance to local labour laws of a supplier.

- > **Supplier Quality Audit**

- > **Corrective and Preventative Actions Assessment**

- > **Environment Social Governance (ESG) solutions**

Business assessment to identify ESG risks and areas for improvement.



Verification of Conformity

We assess and verify the compliance of cosmetic products to set standards. Cotecna is accredited to issue Certificates of Conformity for regulated cosmetic products exported to several countries. Cotecna is approved to test, inspect and issue Certificates of Conformity for cosmetics exported to:

- > **Saudi Arabia (SFDA)**
- > **Egypt (GOEIC)**
- > **Côte d'Ivoire**
- > **Gabon (AGANOR)**
- > **Republic of Congo (ACONOQ)**
- > **Somaliland**
- > **Zimbabwe**
- > **United Arab Emirates**

Please **contact us** for the complete list of our VOC programmes or to request for a COC.



Cotecna offers comprehensive solutions for cosmetic testing and verification of conformity. In collaboration with accredited laboratories like Neutron, Wimpey Laboratories & Baier Testing, we provide a full suite of services to ensure the safety, quality, & regulatory compliance of your cosmetic and personal care products. From meticulous testing procedures to thorough verification processes, our integrated approach guarantees that your products meet the highest standards, giving you confidence in their performance and market readiness.

neutron
Part of the Cotecna Group

Neutron supports cosmetic companies with a range of regulatory compliance, PIF drafting and testing services, including:

- > Physical and chemical testing
- > Microbiological testing
- > In-vitro Testing
- > In vivo efficacy testing
- > In vivo safety testing
- > Consumer Science
- > Sensory analysis
- > Stability and Period After Opening (PAO)
- > Packaging Migration Testing
- > Content-packaging compatibility studies



Wimpey Labs provides comprehensive testing under one roof, ensuring that clients receive the necessary information to enhance product quality, consistency, performance, and reliability.

Scope of Services:

- > Chemical Testing
- > Safety Testing
- > Microbiological Testing
- > Stability Studies
- > Packaging and Labelling Studies



Baier Testing can provide testing services for physical and chemical indicators, heavy metal pollutants, microbiological indicators, hormone content, etc. in cosmetic products, providing customers with comprehensive and high-quality solutions.

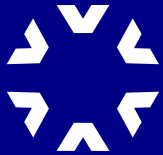


WHY COTECNA

What sets Cotecna apart is our one-stop-shop solutions that are tailored to your needs, delivered through easy and pleasant customer experiences:

- **One-stop-shop TIC solutions throughout the entire supply chain**
- **Global network of advanced laboratories and experienced experts**
- **In-depth regulations knowledge and industrial expertise**
- **Tailored services by reliable and friendly staff taking your perspective**





SUSTAINABILITY

At Cotecna, we're dedicated to being the essential TIC partner for our customers. Our commitment to sustainability is woven into our business through the implementation of our Sustainability Framework, which encompasses 6 key pillars:

Ethics & Governance

Health & Safety

Fair Labour

Environmental Impact

Suppliers

Communities

To discover more about our sustainability efforts, visit: [Cotecna Sustainability](#)





NEOTRON



Stability Study Integrated with Chemical & Microbiological Analyses

This study aims to verify the stability trend of a cosmetic product containing vegetable oil in high concentration, through the monitoring of the organoleptic parameters (appearance, odor, color) and of specific chemical and microbiological parameters, such as in this specific example:

- > **Peroxide Analysis**
- > **Microbial count**

MODE OF EXECUTION

The sample was divided, and every part was subjected to a different storage condition:

1. 4°C (freeze stress) for 3 months
2. 25°C (room temperature) for 3 months
3. 40-75% HR (heat stress) for 3 months
4. Cycles of 4/37°C (thermal stress) for 1 month

At t0, and subsequently every month, every aliquot was examined for the above parameters.

RESULTS AND DISCUSSION

From a microbiological point of view, the product was stable, as no microbial contamination were found at any storage conditions.

From an organoleptic point of view, the sample at 4° C showed no variation, while in the sample at room temperature a light note of rancid smell started to appear at the third month; the same note of rancid smell appeared in the sample at 40°C even from the first month and it was evident at the third month. The sample subjected to the thermal shock showed an intermediate condition between room temperature and 40°C. The color slightly changed from white to yellowish in the sample at 40°C.

From a chemical point of view, the trend of the samples at different storage conditions showed that there was an increasing of the peroxidation at every conditions, especially at room temperature and at 40°C; in the sample at 40°C the peroxidation increased rapidly at the first month, then it seemed to decreased as subproducts were forming- these subproducts were presumably responsible for the rancid odor.

Considering the analytical and organoleptic results, the evaluators concluded that the stability of the cosmetic product was guaranteed for less than 3 years, as the peroxidation started already at the third month at room temperature, and it was very rapid in the accelerated aging phase (40°C), so they assigned to it a shelf life of 12 months, including the storage information "store in a fresh and dry place".

For more information, please contact customercare@neutron.it





WIMPEY LABORATORIES



Evaluation of the Antimicrobial protection of a Cosmetic product

SCOPE OF WORK

ISO 11930 outlines a standardized procedure for evaluating the antimicrobial efficacy of cosmetic products through preservation efficacy tests or microbiological risk assessments, or a combination of both. This framework can also serve as a guideline during the product development phase, allowing for modifications or extensions of the testing method as necessary.

PROCEDURE OF THE TEST

The evaluation process involves inoculating the cosmetic formulation with calibrated microbial strains. The surviving microorganisms are monitored at specific intervals over a 28-day period. At each time point, the log reduction values for each microbial strain are calculated and compared against established minimum criteria.

Criterion A: This criterion assesses whether the formulation adequately protects against microbial proliferation that could pose a risk to users, without considering any additional factors.

Criterion B: Under this criterion, the formulation may be deemed acceptable if a risk analysis indicates the presence of control measures unrelated to the formulation itself, demonstrating that any microbiological risk is tolerable.

This structured approach ensures that cosmetic products meet safety and efficacy standards regarding antimicrobial protection.

PRODUCT DETAILS

The following cosmetic products were collected to perform the case study:

Product Description	Anti-Perspirant Deodorant and Wipes
Storage conditions	Ambient
Appearance of the product	Clear

RESULTS AND DISCUSSION

The assessment of antimicrobial protection in cosmetic products is crucial for ensuring safety and efficacy. This study highlights the importance of evaluating formulation characteristics, production conditions and packaging in determining a product's preservative effectiveness.

In the anti-perspirant preservative challenge test, conducted at 7, 14, and 28 days, all tested microorganisms—*Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Escherichia coli*, *Candida albicans*, and *Aspergillus brasiliensis*—met the ISO 11930:2019 specifications, demonstrating adequate preservation with a log reduction of ≥ 3 for bacteria and ≥ 1 for fungi.

However, the wipes showed a concerning result: while all microorganisms except *Staphylococcus aureus* met the specification limits, *S. aureus* did not achieve the required log reduction. This indicates a potential weakness in the preservative system for wipes, which could pose a risk to consumer safety.

These findings underscore the need for continuous evaluation and optimization of preservation systems in cosmetic formulations. It is essential to ensure that all microbial strains are effectively controlled, especially in products like wipes where compliance is not fully met.

For more information, please contact Wimpey Laboratories: info.dxb@wimpeylab.com



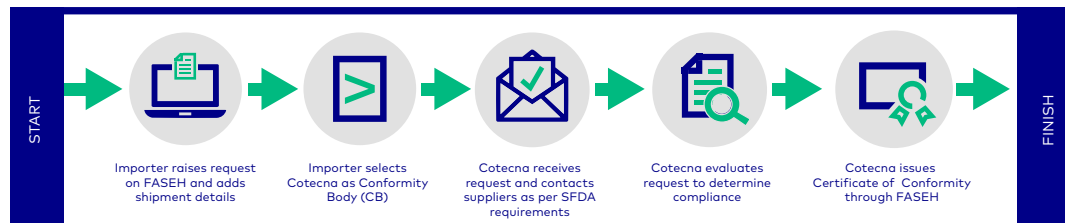


VOC Process for Saudi Arabia (SFDA)

Through the Saudi Food and Drug Authority (SFDA), the Kingdom of Saudi Arabia regulates the quality of cosmetic products imported into the country. SFDA appointed Cotecna to verify the conformity of cosmetic products exported to the kingdom. Cotecna's mandate is to test, inspect and issue a Certificate of Conformity for products that meet the SFDA regulatory requirements.

Presently, only importers can initiate the certification of cosmetic products. To initiate the certification process, importers must raise a request on the FASEH platform and nominate Cotecna as your preferred conformity body. Importers can login to FASEH using their username and password.

SFDA COSMETICS CERTIFICATION PROCESS





The steps involved in obtaining a Certificate of Conformity from Cotecna are as follows:

1. Importer **raises a request** through their FASEH account and **nominates Cotecna** as their preferred conformity body.
2. Cotecna **receives the request** on the FASEH portal.
3. Once your request is received, a dedicated local Cotecna coordinator will **immediately review your submission**, and the information provided.
4. Based on the submitted documents, your dedicated coordinator will **define the scope of service required for the request**. This process can also be done directly with your Cotecna coordinator, before raising your FASEH request.
5. To comply with SFDA's importing regulations, your dedicated coordinator will **guide you through the necessary verifications** and schedule them, including testing samples and inspections.
6. After satisfactory results, **a Certificate of Conformity (COC) will be issued** for the shipment related to the request received.



SAUDI AUTHORITIES REQUIREMENTS

- > The Importer must have an account with the **Saudi Food and Drug Authority (SFDA)**
- > Products must be registered and notified on SFDA electronic system GHAD.
- > Products must comply with GSO Technical Regulation SFDA.CO/GSO 1943.
- > The Importer must have a valid commercial registration certificate which includes Cosmetics Trade as a registered commercial activity.
- > A Certificate of Conformity is mandatory before shipment.

The labelling and marking should meet the SFDA requirements in accordance with standard 1943 as follows:

- Product instructions
- Function of use
- Warning statements and precautionary information
- Storage instructions

These must be in both Arabic and English.

Additionally, the following information need to be considered:

- Country of Origin
- Both primary and secondary packaging of cosmetics and perfumery products must be marked with the Country of Origin.

REQUIRED DOCUMENTS

To successfully initiate the certification process, the applicant must provide Cotecna with the following documents:

- > **Completed Request for Certification form**
- > **Proforma/final invoice**
- > **QMS certificate or declaration of compliance to GMP** (such as ISO 22716)
- > **Batch numbers for all products**
- > **Warehouse Licence number of the importer**
- > **Test report or lab report**
- > **Specification sheet** (product data sheet) at least for the product(s) selected for testing
- > **Artwork of the product** (or at least photo of inspection for the product(s) selected for testing)

ADDITIONAL DOCUMENTS

- > **Ingredients list** (quali-quantitative ingredients list)
- > **Artworks of the labels**
- > **Product Safety Assessment** (or copy of PIF) or Safety conclusion as a minimum.

To request for Saudi certification or certification for one of our other programmes, please **contact us**.

CONTACT DETAILS

For more information, please contact us on:



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