



Mastering Raw Material and Ingredient Qualification and Evaluation

As consumer demand for innovative and safe cosmetic ingredients rises, ensuring the safety and compliance of products becomes paramount. Eurofins Cosmetics and Personal Care, with its extensive network of laboratories, is dedicated to supporting the industry in enhancing practices and meeting regulatory standards.

Adhering to the requirements of Regulation (EC) No 1223/2009, our approach involves a thorough risk assessment process to establish the safety of cosmetic ingredients. In response to the industry's shift towards upcycled, organic, vegan, and natural ingredients, we recognize the need for rigorous qualification.

To address challenges, we advocate for a comprehensive analysis of raw materials and ingredients, utilizing all relevant data. In cases where existing data is insufficient or literature alerts arise, our experts are equipped to conduct toxicological tests to generate new data.

Eurofins' teams stand ready to guide and support you through every stage of safety assessment and efficacy proof for your raw materials and ingredients.



Vegan Certification

- Strategy Support by checking completeness and creating a testing plan
- DNA Analysis
- On-site Audit
- Declarations of conformity / labelling Referral to The Vegan Society

Analytical

- Physico-chemical tests to qualify raw materials: pH, rheology, dry extract, refractive index, peroxide value, chromatographic profile, allergens, etc.
- Analytical tests for contaminants: heavy metals, pesticides, residual solvents, phthalates, nitrosamines, furocoumarins, SVHCs, etc.
- Dosage of substances of interest in raw materials: CBD, vitamins, urea, etc.

In vitro safety tests

- Skin irritation,
- Eye irritation,
- Sensitizing potential,
- Phototoxicity,
- Genotoxicity,
- Endocrine disruptors,
- Transcutaneous/percutaneous passage,
- Etc.

In vitro & Ex vivo efficacy tests

- Anti-inflammatory,
- Anti-ageing,
- Regenerating,
- Healing,
- Anti-oxydant,
- Efficiency of barrier,
- Pollution,
- Etc.

Clinical tolerance assessment and clinical efficacy

Our expertise

Regulatory & Toxicology

- Toxicological profiles in two parts:
 - Review of the literature and documents transmitted by the customer on his raw material --> drafting of a toxicological profile with the list of datagaps / tests / additional documents to be had;
 - Updating of toxicological report with additional information / tests carried out.
- Label check
- International regulatory validation of ingredients
- Drafting Safety Data Sheets (SDS) for cosmetic raw materials
- Calculation of naturalness index according to ISO 16128
- COSMOS folder

