



Analytical Services

Solid support to ensure safety and quality of your products in full compliance with European regulation 1223/2009. From raw materials to final products we offer a complete range of analysis to verify that all the defined features are in accordance with the standard definitions of your product.

QUALITY CONTROLS

- Quantification of active principles (UV filters, preservatives, anti-dandruff principles, depilatories, hair conditioners, humectants...)
- Physical and chemical stability studies
- Evaluation of product specification compliance
- Non conformity investigation
- Raw material characterization
- Evaluation of microbiological contamination

COMPLIANCE TO EUROPEAN REGULATIONS

- Quantification of prohibited residues
- Verification of restricted substances
- Identification of Impurities (NDELA, formaldehyde, dioxane, PAHs, phthalates, metals, etc.)
- Preservative and safety of use: challenge test and in use test

PACKAGING RISK ASSESSMENT

- Evaluation of the interaction between packaging and cosmetic products with stability tests and the determination of the release of substances

EXPORT SUPPORT

- IQS standards compliance for quality controls on cosmetic products to export to Iraq
- SASO standards compliance for quality controls on cosmetic products to export to Saudi Arabia

FRAGRANCE CHARACTERIZATION

- Allergenic aromatizing substances in cosmetics according to European Regulation 1223/2009
- Analysis of aromatizing/volatile compounds in flavorings, fragrances and essential oils
- Off-flavors analysis
- Screening of aromatic volatile substances

CONTRACT RESEARCH

- Customized challenge test for water-based products
- Isolation and molecular identification of bacterial strains
- Development of customized cryobank to use for microbiological tests

INVESTIGATION / SUBSTANTIATION OF CLAIMS

- Nickel-free, Paraben-free, Bio cosmetics...

KEY ASSETS

- Close relationship with regulatory authorities to guarantee our Clients up-to-date support regarding Personal Care & Cosmetics legislation
- Continuous updating and reactivity in applying new analytical approaches (e.g. characterization of new allergenic substances)
- Customized studies on products
- All microbiological methods follow the ISO guidelines or the official recommendations of the various pharmacopoeias (FDA, CTFA, Cosmetic Europe, etc.).

FACILITIES

- Cutting-edge equipment providing flexibility and lower detection limits of impurities: HS GC-MS/FID, HPLC-DAD, LC-MS/MS, ICP-MS, TLC (Thin Layer Chromatography)
- XRF, SEM, FTIR

TOP LEVEL ACCREDITATIONS

- ISO 17025
- Good Laboratory Practices GLP
- Good Manufacturing Practices GMP

■ For further information please contact our expert by calling +39 0423 7177 or writing an email to cosmetics.italy@mxns.com

