



Cosmetics Manufacturing and ISO 22716 GMP Training: Product Safety, Testing and Compliance



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Introduction:

Cosmetics manufacturing and ISO 22716 GMP training on product safety, testing and compliance is a 5-day course for quality assurance, production, formulation and regulatory staff in cosmetics and personal care plants, ending with a Product Launch Compliance File and Cosmetic GMP Checklist. Products are withdrawn or launches stall when preservative systems fail challenge tests, ingredient lists misstate INCI names, claims lack evidence or the product information file is incomplete. Nominees already make, test or release cosmetic products at work and learn through case study work on formulas, test reports and labels. CoreConcept Training Center delivers this cosmetics manufacturing course.

Course Objectives:

- Classify cosmetic products by category and describe the general regulatory duties of the responsible person placing them on the market
- Evaluate emulsion, surfactant and preservative choices in a formula against stability and microbial risk
- Apply ISO 22716 cosmetic GMP to personnel, premises, equipment, production and documentation at site level
- Plan raw material and fragrance control, ISO 17516 microbiological limits, ISO 11930 challenge tests and stability studies, and interpret their results
- Prepare a safety assessment summary, claims evidence, INCI ingredient list and product information file for a cosmetic product
- Operate complaints handling and cosmetovigilance reporting and produce a Product Launch Compliance File and Cosmetic GMP Checklist

Target Audience:

- Quality assurance staff responsible for batch release, GMP documentation and internal audits in cosmetics plants
 - Production staff responsible for compounding, filling and line hygiene for creams, liquids and powders
 - Formulation and R&D staff responsible for formula development, raw material selection and test planning
 - Regulatory affairs staff responsible for product information files, notifications, labels and claims
 - Quality control laboratory staff responsible for microbiological, stability and packaging compatibility testing
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Course Outline:

Day 1: Cosmetic Product Categories, Regulatory Landscape and Site Baseline

- Cosmetic Product Definition Separating Cosmetics From Medicines and Biocides
- Product Category Map for Skin, Hair, Make-Up, Fragrance and Hygiene
- Responsible Person Duties Across Manufacturer, Importer and Distributor
- Product Lifecycle Map From Formula Brief to Market Surveillance
- Site Baseline Gap Assessment Against Cosmetic GMP Expectations

Day 2: Formulation Science and the ISO 22716 Cosmetic GMP Framework

- Oil-in-Water and Water-in-Oil Emulsion Systems and Emulsifier Selection
- Surfactant Classes in Shampoos, Cleansers and Body Washes
- Preservative System Design With pH and Water Activity Factors
- ISO 22716 Clauses on Personnel, Premises and Equipment Hygiene
- ISO 22716 Production, Finished Product and Documentation Requirements

Day 3: Raw Material, Fragrance, Microbiology and Stability Control

- Raw Material Specifications, Certificates of Analysis and Supplier Approval
- Fragrance Allergen Screening Using Supplier Conformity Certificates
- ISO 17516 Microbiological Limits for Finished Cosmetic Products
- ISO 11930 Preservative Efficacy Challenge Test Planning and Interpretation
- Stability and Packaging Compatibility Protocols for Shelf-Life Setting

Day 4: Safety Assessment, Claims, Labelling, Notification and Cosmetovigilance

- Cosmetic Product Safety Assessment Using Exposure and Margin of Safety
- Claims Substantiation Evidence From Consumer, Instrumental and Literature Data
- INCI Ingredient List Ordering and Mandatory Label Elements
- Product Information File Structure and Product Notification Dossier
- Complaints Handling, Undesirable Effect Reporting and Product Recall Decisions

Day 5: Case Study: Compliance File and GMP Checklist for a Product Launch

- Case Moisturising Cream Formula and Raw Material Dossier Review
 - Case Challenge Test and Stability Report Acceptance Decision
 - Case Carton Label and INCI List Correction Exercise
 - Cosmetic GMP Checklist Walkthrough of the Case Filling Line
 - Product Launch Compliance File and GMP Checklist Completion
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Skills You Will Gain:

- Cosmetic Formula Evaluation
- Raw Material Qualification
- Fragrance Allergen Control
- Challenge Test Interpretation
- Shelf-Life Determination
- Claims Evidence Review
- INCI Label Checking
- Cosmetovigilance Case Handling

Why Attend This Course:

- Hand a Product Launch Compliance File and Cosmetic GMP Checklist to the quality manager and regulatory lead who sign off a new launch
- Decide whether a formula can be released on the basis of its challenge test, stability data and safety assessment summary
- Avoid relabelling, market withdrawal and delayed launches caused by incorrect INCI lists, unsupported claims or failed preservation
- Share raw material, labelling and complaint-handling templates with production, laboratory and marketing colleagues

Conclusion:

Back at work, the participant gives the quality manager and the regulatory lead a Product Launch Compliance File and Cosmetic GMP Checklist for a case product, ready to adapt to the next launch on the site. The quality unit uses the checklist to prepare internal GMP audits of compounding and filling, while regulatory staff use the file to decide whether a product is ready for notification and market release. After the first launch, the team should review challenge test outcomes, label corrections, consumer complaints and any undesirable effect reports.

Frequently Asked Questions FAQ:

What should participants know before the cosmetics manufacturing and ISO 22716 GMP training?

Participants should already work in making, testing, releasing or registering cosmetic or personal care products. Bringing a current formula sheet, label or test report helps them apply the case work to their own products. No chemistry degree is assumed.

How does the cosmetics manufacturing and ISO 22716 GMP training differ from a pharmaceutical GMP course?

It addresses cosmetic formulas, preservative challenge tests, ingredient labelling, claims and product information files. Pharmaceutical GMP courses focus on cleanroom grades, equipment qualification and process validation for medicines, which appear here only as brief comparisons.

Why does cosmetics manufacturing need preservative challenge testing as well as microbiological limits?

Microbiological limits show a batch is clean at release, while a challenge test shows whether the preservative system can control contamination introduced during consumer use. Water-based emulsions and jar products touched with fingers are most exposed, so both checks are needed.

What do participants take back from the cosmetics manufacturing and ISO 22716 GMP training?

Participants take back a Product Launch Compliance File and a Cosmetic GMP Checklist for a case product, with templates for raw material approval, label review, claims evidence and complaint handling that they can adapt at their own site.
