

Gamma Facilities



North America

West Memphis, AR
Corona, CA
Gilroy, CA
Hayward, CA
Tustin, CA
Gurnee, IL
Schaumburg, IL
Charlotte, NC
Haw River, NC
Rockaway, NJ
Salem, NJ
Westerville, OH
Fort Worth, TX
Mulberry, FL
Hidalgo, MX

Europe

Fleurus, Belgium
Minerbio, Italy

Asia

Bangkok, Thailand

South America

Cotia, Brazil
Jarinu, Brazil

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Consumer Safety: Cosmetics

The Global Leader In Contract Microbial Reduction Services



Sterigenics.

Consumer Safety: Cosmetics



IMPORTED COSMETICS :

Nationally known and well respected personal care product companies strive for clean and safe cosmetics. They work towards responsible packaging, but to also keep their cost of components in line with their budgets.

One path is to order and import products from other countries, mainly China. Many times imported goods test negative for bacteria and harmful metals. But increasingly on the rise are cosmetics that grow mold during transportation. Some fungi and spore formers originate during the manufacturing process, while others test well in the other country but fail upon arrival.

Failed micro's can lead to missed deadlines and panic as they have customer orders to fill. Holiday campaigns can come to a screeching halt.

One safe, effective solution is irradiation. Many health and beauty products can safely be irradiated reducing the micro counts and eliminating the molds/yeasts that are harmful to mascara's, creams, etc. Within a few days time period, cosmetics can be restored for safe distribution.

EXAMPLES OF THE MOST COMMONLY TREATED PARTS INCLUDE:

- > Talc
- > Pigments
- > Raw Materials
- > Cosmetic packaging and novelties
- > Components and applicators

WHAT IT IS:

Cosmetics are often formulated from a blend of natural and chemical materials. Health and beauty aids (HBAs) must be irradiated to reduce bacteria and other microorganisms. We've successfully developed processes to ensure the safe distribution of a wide variety of HBAs.

Using Cobalt 60 as a resource, the gamma sterilization process kills microorganisms. It is a non-invasive process and will penetrate various types of packaging. Post irradiation, there are no residuals left on the product, and the sterilization process is safe and effective.

