

Isomedix Contract Sterilization Services

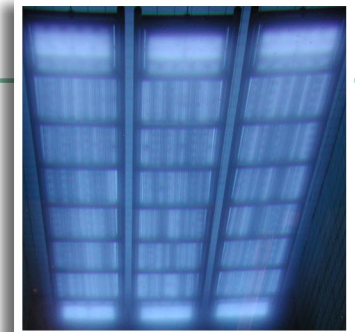
Morton Grove, IL Gamma Facility

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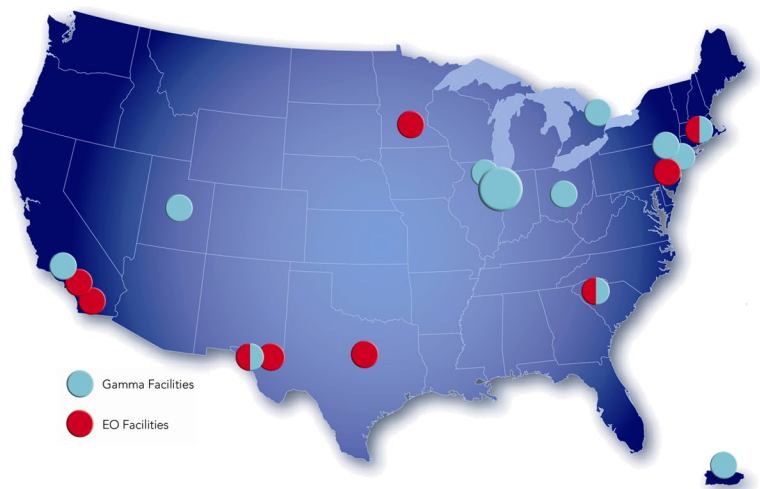
Radiation Technology Center

The Morton Grove Radiation Technology Center is home of the Radiation TechTeam®. Our technical experts are here to help you through the gamma irradiation process, assist in establishing sterilization dose values, and provide high precision irradiation dose delivery for validation, dose audit and research purposes.

The Morton Grove radiation research facility began serving the needs of the irradiation community in 1957. Our facility features a true direct path, off-carrier irradiator, providing several benefits to our Customers:



- Cartons are placed on turntables and rotated in that position throughout the process, resulting in a direct path from the source and consistent dose rates for your product
- A wide variety of product placement options are available within the irradiation chamber, providing flexibility in dose rates
- Product placement and delivered dose can be replicated, which allows reproducible processing cycles throughout a research project or highly controlled experiment
- Each Customer carton is dose mapped, processed, and monitored by one of our highly trained gamma technicians, providing the ultimate flexibility and oversight required for your unique validation or research needs
- Validation and dose-audit work can be seamlessly transferred into our larger commercial processing locations throughout North America
- Dosimeters are calibrated in advanced GammaCell irradiators for precise measurement



Areas of Specialization

The unique capabilities of the Morton Grove facility allow the Radiation TechTeam to handle specialty projects, from small volume processing to specialty dose mapping, while maintaining delivered doses to within +/- 10%. Our areas of specialization include:

- Gamma irradiation dose delivery within ANSI/AMMI/ISO validation and dose audit requirements
- Processing of samples for materials studies to determine functionality and compatibility of selected components
- High precision dose delivery to perform dose response studies or accommodate sensitive products that otherwise could easily be damaged by ionizing radiation
- Processing, storage and shipment of products at cold temperatures to isolate/mitigate free-radical migration and help maintain low bioburden levels prior to or during irradiation

In addition to the Red 4034 dosimetry system, the Radiation Technology Center uses alanine dosimeters for precise dose measurement and special applications such as dose mapping, validations, low or high dose processing, and transit and static studies. These technologically advanced dosimeters provide increased precision and lower uncertainty over and expanded dose range

Unique Processing Capabilities

Our processing options include **Same Day** (in and out the same day), **Priority** (1-3 business days), and **Routine** (4-7 business days) from product receipt to outbound shipping.

Various storage and handling capabilities are available, including processing and shipping on dry ice, onsite refrigeration and freezer storage, and certification for shipping of hazardous materials (please contact us for details).

For more information on the Gamma Technology Center and the Gamma TechTeam, please visit www.isomedix.com.

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