



Girindus *Delivers!*TM

Girindus[®]
Solvay Organics

Girindus *Delivers!*[™]

OUR SERVICES

GIRILIGOS[™]

cGMP Oligonucleotides

**CINCINNATI
STANDARD[™]**

Small Molecules

RADI[®]CHEM[™]

Radiochemistry

Girindus delivers exceptional quality.

As an international leader in the synthesis of active pharmaceutical ingredients, Girindus specializes in oligonucleotide manufacturing as well as custom synthesis of small molecules and intermediates for pharmaceutical and biotechnology customers worldwide.

From research and development to process and cleaning validation, extensive quality control procedures assure that our cGMP products meet the highest standards in the industry. Girindus is FDA inspected. No 483s and no objectionable letters were issued. This reflects our meticulous attention to detail and unsurpassed commitment to quality.

Girindus delivers personalized service.

Our team is your team, focused on your success and providing hands-on involvement at every level. Our goal is to build long-term partnerships with our customers by understanding your business and addressing your specific needs through innovation and cost savings.

Girindus delivers customer confidence.

To turn brilliant ideas into commercial success, you need a strong partner who understands your goals and has the expertise to develop the highest-quality product. That is exactly what Girindus offers.

In addition to being experts in oligonucleotides manufacturing and radiolabeling, and being experienced developers of small molecules, we provide a comprehensive array of analytical capabilities and services. Our cGMP processes and our successful FDA inspection highlight our insistence on top quality. The personal involvement of our top management professionals reinforces our commitment to your success.

Primary Products

- Oligonucleotides
- Small molecule APIs and intermediates
- Radiosynthesis

Core Competencies

- cGMP manufacturing
- Process research and development
- Analytical, process and cleaning validation
- Scale-up from early development through clinical trials to market for oligonucleotides
- Development through Phase II for small molecules

Complementary Services

- Small-scale synthesis
- Medicinal chemistry
- Analytical development
- Regulatory support

Girindus Advantages

- Rapid scale-up and highly reproducible product quality
- Seamless transition from lab to pilot plant to production
- Ability to address commercial scale manufacturing issues during oligonucleotide development process
- Analytical support for process R & D
- Product and impurity characterization
- Comprehensive validation programs
- Product quality control
- Successful FDA inspection record

Quality Control Laboratory

- Analytical labs
- QC controlled instrument rooms
- Open-access instrument rooms
- Complete array of instrumentation including:
 - HPLC
 - GC with FID
 - Karl Fischer Coulometer
 - Reaction Calorimeter
 - 400 MHz NMR
 - Capillary Gel Electrophoresis
 - LC/MS
 - GC/MS
 - Polarimeter
 - DSC
 - FT-IR
 - UV/Vis
 - Endotoxin
 - Raman

We firmly believe in:

Ethical behavior

A long-standing tradition of ethical behavior based on principles of honesty, integrity and trustworthiness.

Respect for people

Encouragement to exercise creativity and leadership, giving opportunities for every individual to develop his/her full potential.

Customer care

Constant enhancement of the quality and added value of our products and services through ongoing and cost effective innovation.

Empowerment

Fostering a culture that encourages delegation, risk taking, speed of response, accountability and partnership in order to adapt effectively to an uncertain and rapidly changing world.

Teamwork

Developing a learning organization by building teamwork with open communications across our organization, sharing knowledge, technologies and best practices.

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