



Delivering a
New Era
of Technical
Support Services



Constantly setting
new and unique
standards for the
quality of our products and
support of our
customers



JEFF LAYNE, PH.D.
TECHNICAL MANAGER, PHENOLOGIX

The Global Leader in Separation Sciences

Since 1982, Phenomenex has dedicated its resources to creating and delivering premium quality products for separation sciences. Today, we are a global leader with offices in 15 countries and direct sales and/or distribution in more than 65 others.

But what truly sets us apart is our outstanding customer service. Our customers are the lifeblood of our business, and we are constantly striving to provide the highest level of service and support in the industry.

“It’s this fanatical commitment to our customers that led to the creation of an in-house analytical development group devoted solely to supporting our customer’s projects and application needs: PhenoLogixSM”



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PhenoLogix: A NEW Analytical Support Laboratory

- Personalized Solutions
- Experienced Staff
- Fast Project Turn Around Time
- Confidential
- Immediate Availability
- Award Winning Customer Service

PhenoLogix is a full-service analytical support laboratory within Phenomenex that specializes in method development and optimization for HPLC, UHPLC, GC, GC/MS, LC/MS/MS, and SPE. Our team of highly experienced scientists provides customized solutions to help streamline your development efforts.

PhenoLogix is committed to making the experience of working together easy, effort-less, and rewarding.

Get started today, and let us exceed your expectations.



“We are as passionate about science as you are, and treat your projects as we would our own.”

JEFF LAYNE, PH.D.
TECHNICAL MANAGER, PHENOLOGIX

What Our Customers Are Saying

“We requested two different chiral compounds be separated and purified. We received the first set of compounds at 99% e.e. within a week and the second set in 2 weeks, also at greater than 99% e.e. The second set was a difficult separation. We were very happy with the quality of the separation and the quick turnaround, which was tantamount. Jeff Layne and his group did a great job of informing me on the progress and chemistry/separation issues that arose. I have recommended this services to other colleagues in the Pharmaceutical and BioTech industry here in San Diego and I look forward to using them again.”

ISABELLE OKUDA
CELGENE CORPORATION, SAN DIEGO, CALIFORNIA



How Can We Be of Service?

HPLC | UHPLC | GC | GC/MS | LC/MS/MS | SPE |
GFC | SFC | CHIRAL | GPC | IEX | IC

- New Method Development and Optimization
- Method Improvement (Without the Need for Re-Validation)
- Validation Services, Including FDA Compliant cGMP Validations
- Chiral Screening and Optimization
- Analytical to Preparative HPLC Scale Up
- Small Scale Purification (<2g)
- Hands-On Training
- Consulting
- On-Site Method Transfer

PhenoLogix offers different levels of support based on your company's needs, ranging from simple column screening services to full FDA compliant cGMP validations. We are also more than happy to send one of our scientists to your lab to help solve a problem hands-on or to provide training seminars and professional consulting services.

A majority of our service offerings are free of charge. For those requiring an additional cost, pricing will be disclosed and approved prior to beginning a project.



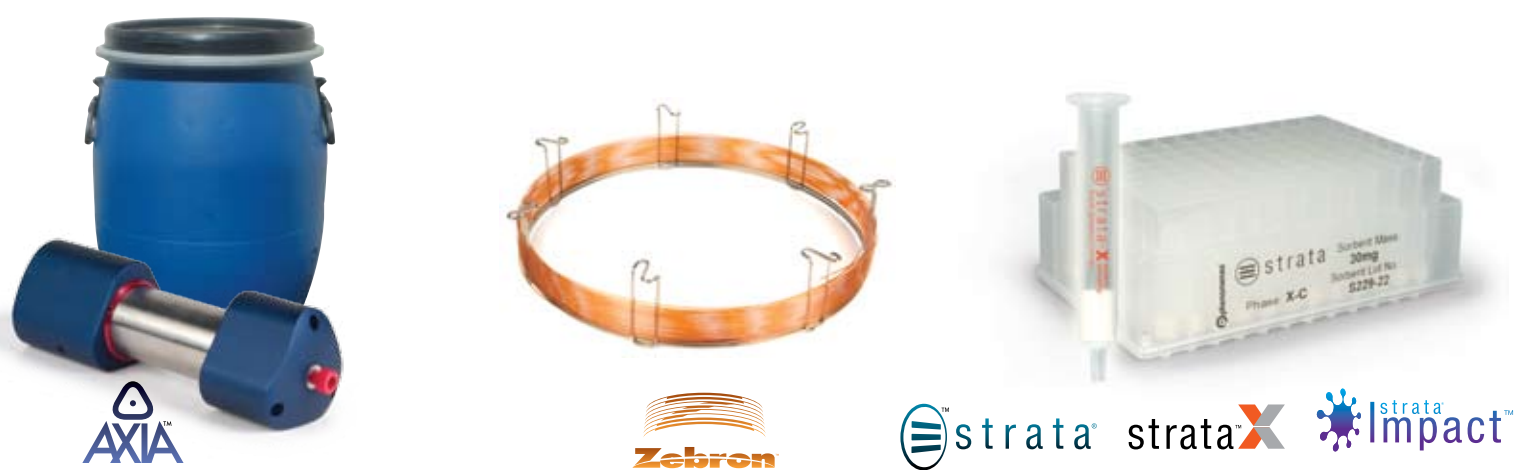
“We have the products, the expertise, and most importantly, the time to help with your projects. A PhenoLogix representative is available today to discuss your project to see how we might be able to help!”

SKY COUNTRYMAN
MANAGER, PHENOLOGIX AND APPLIED TECHNOLOGY



Imagine Having Access to Unlimited Products and Resources

PhenoLogix scientists have every column phase, particle size, and dimension in the Phenomenex catalog at their disposal. Because we work very closely with our R&D team, we also understand the underlying phase chemistry and the unique advantages each column can contribute to a separation. This unique combination allows us to quickly evaluate different options before arriving at the best possible method.



Curious How Your Method Might Look on Kinetex® Core-Shell Technology?

“A new analytical method was developed which is capable of analysing 16 different API residues from production surfaces. It has been shown that the 1.7 µm Kinetex 100 x 2.1 mm column was capable of resolving 16 different chemical entities with a 6 minute run time. This new analytical method will be used to replace 16 older methods thereby facilitating an annualised cost saving for the site of €320,000 [\$460,000].”**

ANDREW CHARLES, JOHN P. DUNNE,
LOUIS MCMAHON, AND SEBASTIAN JUREK
MANUFACTURING AND TECHNOLOGIES, PFIZER GRANGE CASTLE

Send us your method details today and see what we can do!

** Request the full report from PhenoLogix.



Easy Method Transfer Back to Your Lab

To ensure easy method transfer, the PhenoLogix laboratories have multiple vendors' instrumentation. We will do our best to match the configuration of our systems to those in your laboratory. In some cases, we may recommend low cost modifications that can be made to improve method performance.

Abbreviated List of Instrumentation*

HPLC

- **Agilent®:** 1050, 1100, 1200, 1260, and 1290
- **Waters®:** Alliance HPLC® and ACQUITY® UPLC®
- **Shimadzu:** LC10™, LC20™, Prominence™ UFLC™, and Nexera™
- **JASCO®:** X-LC™
- **Gilson:** GX-271 Preparative HPLC
- **Detectors:** UV/VIS (DAD, MWD, VWD), ELSD, and Fluorescence

GC & GC/MS

- **Agilent®:** 5890 Series I, 5890 Series II, 6890, and 6890/5973-MS
- **Shimadzu:** GC-2010plus™, GC/MS QP-2010S™, and GCMS-QP2010 Ultra™

LC/MS/MS

- **AB SCIEX:** API 3000™, API 4000™, and API 5000™
- **Waters®:** Quattro Micro®
- **Bruker:** Esquire 2000™

Liquid Handlers for Solid Phase Extraction (SPE)

- **PerkinElmer:** MultiPROBE® II PLUS HT
- **Gilson:** GX-274 ASPEC™

**Don't see the instrument you are looking for? This is only a partial list because we are adding instrumentation on a regular basis. Check with a PhenoLogix representative to see if the instrument you need is available.*

“We have contacted PhenoLogix for a method development (quantification of a preservative) in order to improve the symmetry so that we can satisfy European Pharmacopea expectations.

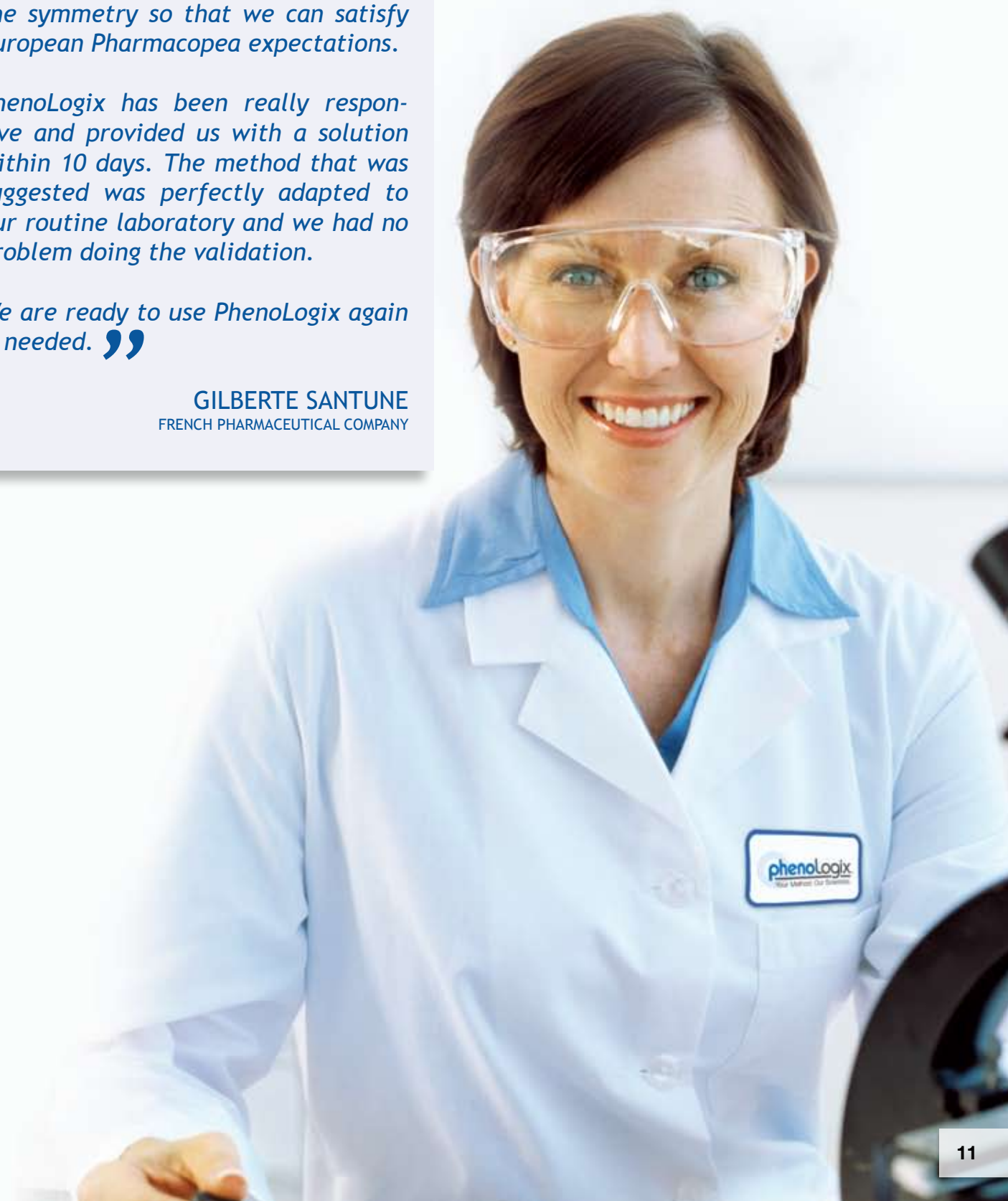
PhenoLogix has been really responsive and provided us with a solution within 10 days. The method that was suggested was perfectly adapted to our routine laboratory and we had no problem doing the validation.

We are ready to use PhenoLogix again if needed.”

GILBERTE SANTUNE
FRENCH PHARMACEUTICAL COMPANY



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Get Started Today – We Make it Easy

We guarantee a great experience when working with our team. All of our project managers are enthusiastic and dedicated to you, our valued customer.



JIX,
COOL MASCOT

1 Contact Us

Speak with one of our friendly PhenoLogix team members or log onto our website at www.phenomenex.com/phenologix

USA/CAN/MX: PhenoLogix@phenomenex.com
EUROPE: PhenoLogixEUR@phenomenex.com
ASIA: PhenoLogixASIA@phenomenex.com

Confidentiality

If necessary, put a confidentiality agreement and/or other documentation into place.

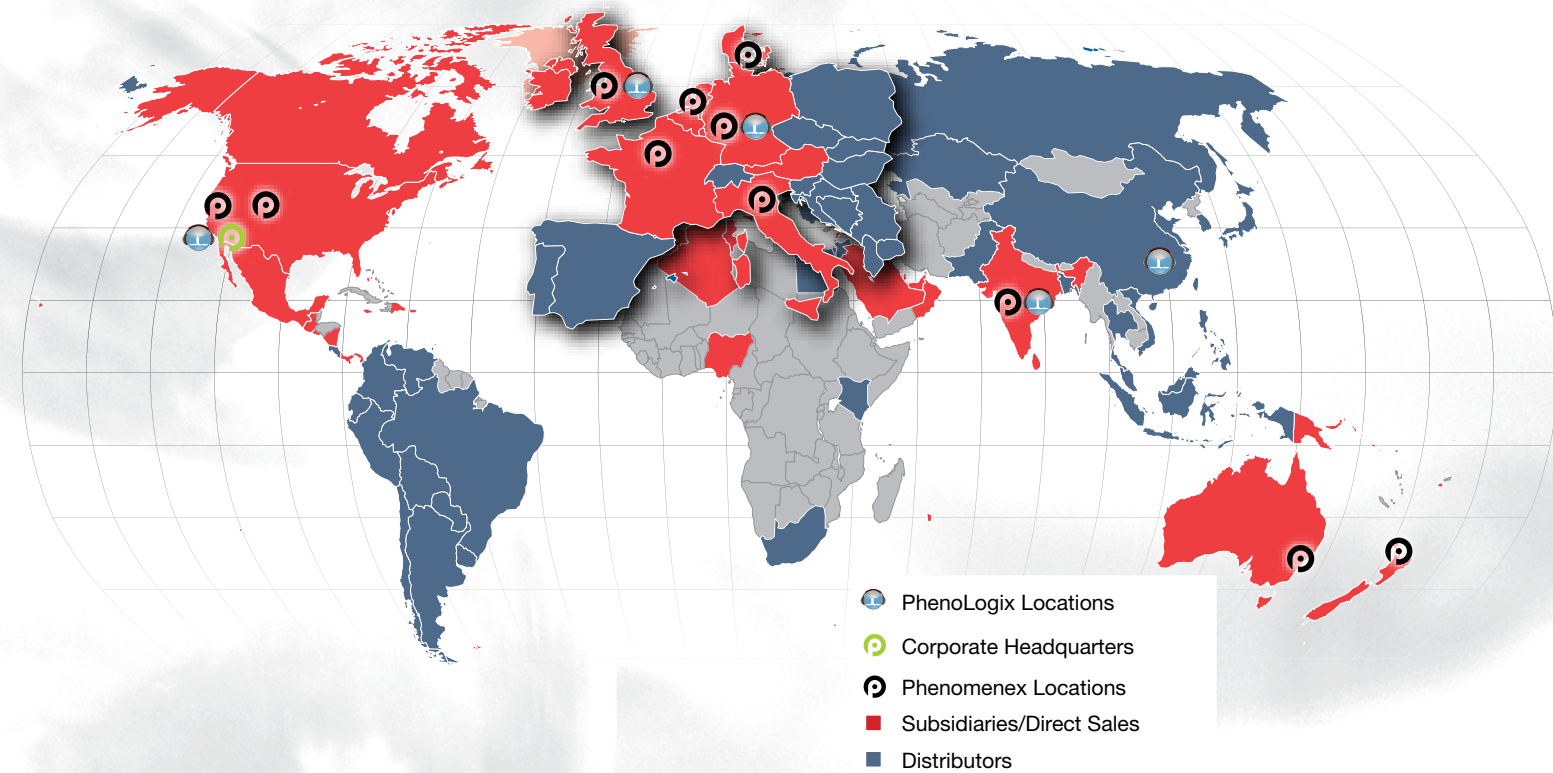
2 Tell Us About The Project

Provide information on your project such as compound structure, specific requirements, and separation goals.

Most Services are Free

If a cost is involved, you will receive a customized plan, pricing, and timeline for each individual project for your approval.

Wonder what I'm listening to?
www.phenomenex.com/phenologix



3 Tell Us When to Start

Approve our proposal and we'll get to work on your project!

Open Lines of Communication

While working on your project, we will hold regular meetings to update you on our progress until you are satisfied with the final method.

4 Project is Complete!

A detailed report is sent to you, including full method, materials, chromatograms, and discussion.

Method Transfer

We make sure the method works in your laboratory either by supporting your efforts via teleconference or sending a PhenoLogix representative to your lab. We don't finish until you are happy!

5 Relax!

Australia

t: 02-9428-6444
f: 02-9428-6445
auiinfo@phenomenex.com

Austria

t: 01-319-1301
f: 01-319-1300
anfrage@phenomenex.com

Belgium

t: +31 (0)30-2418700
f: +31 (0)30-2383749
beinfo@phenomenex.com

Canada

t: (800) 543-3681
f: (310) 328-7768
info@phenomenex.com

Denmark

t: 4824 8048
f: 4810 6265
nordicinfo@phenomenex.com

Finland

t: +358 (0)9 4789 0063
f: +45 4810 6265
nordicinfo@phenomenex.com

France

t: 01 30 09 21 10
f: 01 30 09 21 11
franceinfo@phenomenex.com

Germany

t: 06021-58830-0
f: 06021-58830-11
anfrage@phenomenex.com

India

t: 040-3012 2400
f: 040-3012 2411
indiainfo@phenomenex.com

Ireland

t: 01 247 5405
f: +44 1625-501796
eireinfo@phenomenex.com

Italy

t: 051 6327511
f: 051 6327555
italiainfo@phenomenex.com

Luxembourg

t: +31 (0)30-2418700
f: +31 (0)30-2383749
nlinfo@phenomenex.com

Mexico

t: 001-800-844-5226
f: 001-310-328-7768
tecnicomx@phenomenex.com

The Netherlands

t: 030-2418700
f: 030-2383749
nlinfo@phenomenex.com

New Zealand

t: 09-4780951
f: 09-4780952
nzinfo@phenomenex.com

Norway

t: +47 810 02 005
f: +45 4810 6265
nordicinfo@phenomenex.com

Puerto Rico

t: (800) 541-HPLC
f: (310) 328-7768
info@phenomenex.com

United Kingdom

t: 01625-501367
f: 01625-501796
ukinfo@phenomenex.com

**All other countries:
Corporate Office USA** 

t: (310) 212-0555
f: (310) 328-7768
info@phenomenex.com



www.phenomenex.com

Phenomenex products are available worldwide. For the distributor in your country, contact Phenomenex USA, International Department at international@phenomenex.com