



**PharmSource**<sup>®</sup>

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## **Expert Sourcing Intelligence In An Instant: PharmSource STRATEGIC ADVANTAGE**

*Helping you make  
the right decisions  
at the right time*

Since 1996, **PharmSource** is the  
acknowledged authority on the CMC  
Development and Manufacturing industry.

### **Dive Deeper with Knowledge:**

Thanks to our combination of deep industry knowledge, expert perspectives, ongoing research and unique industry model, **STRATEGIC ADVANTAGE** provides you with "insider information" in an instant.

**STRATEGIC ADVANTAGE** gives you hard-to-find information. Our company and product data reflect 1000s of hours of research across multiple sources. This is the only resource that brings it all together for you: FDA, financial filings, press releases, not to mention our "insider" information not available anywhere else. Every company is updated and validated continuously.

### **Simple Solutions:**

Streamline your research and decision-making with powerful search tools and timely data.

- › Save hundreds of hours and thousands of dollars/euros
- › Have the confidence your CMO is the best fit for your needs

### **Sourcing Professionals in Bio/Pharmaceutical Companies:**

Imagine spending 30 Minutes vs. 6 months to:

- › Make vs. Buy/Strategic Sourcing Plans
- › Find Specialized Capabilities
- › Conduct Due Diligence – including ownership, financial, capabilities, warning letters, products manufacturing

### **CMOs:**

- › Strategic planning  
Position yourself in the marketplace – where do you fit in, how do you compare to your competitors?
- › Targeting New Opportunities – size up target client's commercial portfolio
- › Acquisition planning



If you procure, manage or sell contract drug development and manufacturing services, for either a major pharmaceutical company or a biotech start-up, you need to subscribe to this service today.

# PharmSource STRATEGIC ADVANTAGE sample contractor profile:

Excel download shows 203 facilities at 157 companies around the world

157 Contractors Match the Criteria		
Contractor	Country	Facility
Oso Biopharmaceutical Manufacturing LLC	USA	Albuquerque New Mexico Facility
Panacea Biotec	India	Baddi Himachal Pradesh Facility
Patheon, Inc.	Italy	New Delhi Facility
	Italy	Ferentino (FR) Facility
	Italy	Monza Milan Facility
	UK	Swindon Wiltshire Facility

Contractor	Country	Facility	Contract Revenue Range
Nipro Pharma Corp.	Japan	Osaka, Japan	\$250 - 499 million
Nissin Pharmaceutical Co., Ltd.	Japan	Saitama, Japan	\$50-99 million
Novartis International AG	Switzerland	Stein, Switzerland	NA
Oakwood Laboratories LLC	USA	Oakwood Village, Ohio, USA	\$0-24 million
Oncotec PharmaProduktion GmbH	Germany	Rodleben/OT Tornau, Germany	\$0-24 million
Orion Corporation	Finland	Espoo, Finland	\$0-24 million
Orofino Pharmaceuticals Group	Italy	Rome, Italy	NA
Oso Biopharmaceutical Manufacturing LLC	USA	Albuquerque, New Mexico, USA	\$50-99 million
Panacea Biotec	India	Baddi, Himachal Pradesh, India	\$0-24 million
Panacea Biotec	India	New Delhi, India	\$0-24 million
Patheon	Italy	Monza, Italy	\$500-999 million
Patheon	Italy	Ferentino, Italy	\$500-999 million
Patheon	UK	Swindon, UK	\$500-999 million

Specifications for "Injectables manufacturing"	
<b>High containment capabilities</b>	
Cephalosporins	
Dedicated cephalosporin lyophilization unit(s):	No
Dedicated cephalosporin suite(s):	No
Sterile cephalosporin powder fill:	No
Cytotoxics	
Dedicated cytotoxic lyophilization units:	No
Dedicated cytotoxic suite(s):	No
High potency (not cytotoxic)	
Dedicated high potency aseptic fill:	No
Dedicated high potency lyophilization unit(s):	No
Dedicated high potency suite(s):	No
Live viruses	
Dedicated live virus suite(s):	No
Penicillins	
Dedicated penicillin lyophilization unit(s):	No
Dedicated penicillin suite(s):	No
Sterile penicillin powder fill:	No
<b>Injectable dosage forms</b>	
Large volume parenterals	No
Lyophilized parenterals	Yes
Parenteral solutions	Yes
Parenteral suspensions	Yes
Pre-mix products	No
Sterile Powders - non-pen/ceph	No
<b>Injectable package types</b>	
Ampules	Yes
Bags-large volume	No
Cartridges	No
Glass bottles-large volume	No
Pre-filled syringes	No
Proprietary syringe device	No
Vials - ADD-vantage	No
Vials - glass-fill-seal	No
Vials - glassYes	No
<b>Parenteral Bags and Bottles - GMP</b>	
Parenteral bag/bottle aseptic fill	No
Parenteral bag/bottle terminal sterilization	No
<b>Prefilled Syringes-Standard Potency-GMP</b>	
Prefilled syringe type: bulk	No
Prefilled syringe type: SCF or similar	No
<b>Project acceptance criteria</b>	
Antibiotics	
Cephalosporin:	No
Penicillin:	No
Substances requiring high containment or segregation	
Cytotoxic materials:	No
Hormones/steroids:	No
Radiopharmaceuticals:	No
Vaccines-live/attenuated:	No
<b>Regulatory approvals and certifications</b>	
Europe - EMEA or constituent countries	Yes
USA - FDA	Yes
<b>Vials - Standard Potency - GMP</b>	
Lyophilization	
Lyo capacity < 500 sq. ft./ 50 sq. m.:	No
Lyo capacity > 1000 sq. ft./100 sq. m.:	Yes
Lyo capacity 500-1000 sq. ft./ 50-100 sq. m.:	No
Lyophilization capability-vials:	Yes
Lyophilizers (number/capacity/description): 2 x USifroid units (30 sq. m.); 4 x BOC Edwards Lyomax units (33 sq. m.)	
Production scale	
Clinical (10,000-50,000 unit batch size):	Yes
Commercial (>50,000 unit batch size):	Yes
Vial processing	
Aseptic fill:	Yes
Emulsions/lipids/high viscosity materials (>50 centipoises):	No
Terminal sterilization:	Yes

Company Details
Contacts
Financials
M/A
News & Analysis
Known Clients
Products

### Patheon

**Corporate Details**

**Address:** 4721 Emperor Boulevard, Suite 200  
**City:** Durham  
**State:** North Carolina  
**Country:** USA  
**Postal code:** 27703  
**Voice:** 919-226-3200  
**Website:** [www.patheon.com](http://www.patheon.com)  
**E-mail:** [patheon@patheon.com](mailto:patheon@patheon.com)  
**Ownership:** Public company  
**Stock exchange:** Toronto Stock Exchange (TSX)  
**Stock Symbol:** PTI  
**Primary Business:** Contract Services  
**Contract Business Model:** Dedicated contract  
**Contract revenues:** \$500-999 million  
**Contract employees:** 2501-5000

**Contract Services**

**Analytical Services:**  
*Analytical chemistry and stability*  
[Raleigh, North Carolina, USA](#)

**Clinical Dose Manufacturing and Packaging:**  
*Injectable Phase I/II CTM and Formulation*  
[Ferentino, Italy](#)  
[Swindon, UK](#)  
*Solid, Semi-solid/Liquid Phase I/II CTM and Form*  
[Abingdon, Oxfordshire, UK](#)  
[Cincinnati, Ohio, USA](#)  
[Mississauga, Ontario, Canada](#)  
[Whitby, Ontario, Canada](#)  
[Swindon, UK](#)

**Commercial Dose Manufacturing:**  
*Injectables manufacturing*  
[Monza, Italy](#)  
[Ferentino, Italy](#)  
[Swindon, UK](#)  
*Semi-solid & liquid manufacturing*  
[Cincinnati, Ohio, USA](#)  
[Mississauga, Ontario, Canada](#)  
[Bourgoin-Jallieu Cedex, France](#)  
*Soft gelatin capsules manufacturing*  
[Cincinnati, Ohio, USA](#)  
*Solid dose manufacturing*  
[Monza, Italy](#)  
[Cincinnati, Ohio, USA](#)  
[Mississauga, Ontario, Canada](#)  
[Whitby, Ontario, Canada](#)  
[Swindon, UK](#)  
[Bourgoin-Jallieu Cedex, France](#)  
[Manati, Puerto Rico, USA](#)  
*Sterile non-injectable products manufacturing*  
[Swindon, UK](#)

## Contacts

Specific names and titles of corporate and business contacts by location, including direct e-mail addresses and phone numbers.

## Financials

Financial results and indicators for public companies for the most recent five-year period, including direct hotlinks to SEC reports.

## Mergers/Acquisitions

Transaction dates and descriptions for company M&A activity, equity investments, facility acquisitions and more.

## News & Analysis

Direct links to proprietary articles reported by PharmSource. This includes company-specific reports relevant to operational developments and changes, and deep analytical articles that bring important perspective at the company, segment and industry levels.

## Known Clients

Identifies known clients of contract service providers and includes product names, services provided, scale of project and date announced.

## Products

Shows known branded product approvals since 2005 (earlier when available), including manufacturing sources. The database also allows searches for products based on many parameters, including: applicant name; sponsor type; drug characteristics, including API type, dosage form, packaging, ROA, approvals type and source/ manufacturing options.

## Special limited-time offer

For a free test-drive of PharmSource STRATEGIC ADVANTAGE online service, contact us today

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