

West 

By your side
for a healthier world™

EXPERIENCE • EXPERTISE • FOCUS



West Analytical Services provides specialized testing for drug packaging, devices and administration systems.

A Trusted Resource

West Analytical Services provides specialized testing for drug packaging, devices and administration systems.

Through a unique blend of experience, expertise and focus, the West team has a thorough understanding of pharmaceutical product development and the current regulatory environment.

- **History:** Our parent company, West Pharmaceutical Services, has more than 90 years of experience in pharmaceutical packaging, materials and manufacturing.
- **Value:** We provide our clients with focused, high-quality testing services.
- **Experience:** Our chemists and technicians are experts in the testing of packaging, devices and administration systems.



By your side for a healthier world



Every day, injectable drugs improve the lives of millions of patients around the world. And every day, West is working by your side to design and manufacture drug packaging and delivery systems that will bring your drugs from concept to the patient more efficiently, reliably and safely.

West understands your challenges and helps with solutions every step of the way with cutting-edge production technologies, an unmatched expertise in global regulatory compliance, and an ever-growing knowledge base of pharmaceutical drug product testing,

development, packaging and delivery. Whether your focus is on one piece of the process or you want an end-to-end solution, West is by your side for a healthier world.

Based in Exton, Pa., West supports the world's leading pharmaceutical, biotech and medical device companies from sales, manufacturing, customer support and research and development facilities in North and South America, Europe, Asia and Australia.

About West Analytical Services

- The laboratories are FDA-registered, DEA-licensed and GMP-compliant facilities
- Experienced project managers help to keep testing programs on schedule and on budget
- Dedicated technical, quality assurance and regulatory support staff helps to assure projects will meet client's expectations
- The laboratories feature state-of-the-art instrumentation, equipment and monitoring and reporting systems

A Wealth of Knowledge and Expertise

Pharmaceutical and biopharmaceutical companies face many challenges as they move their drug product from early-stage development to the market. Among these is selecting and testing an appropriate packaging system or delivery device. Companies may not have experienced staff or resources to conduct the required laboratory work or research needed to test packaging, devices and administration systems.

West Analytical Services helps mitigate the risks associated with selecting and testing parenteral drug packaging. West has a wealth of knowledge and experience in pharmaceutical packaging and regulatory guidances and provides proven analytical laboratory support to help move drug products to market without undue delay.

West's laboratory professionals test and evaluate the compatibility of drug products with their packaging, devices or administration systems for pharmaceutical, biotechnology and

medical device clients. Our laboratory team works closely with clients to help ensure that the appropriate analytical testing is performed to evaluate the compatibility and functionality of the packaging, device or delivery system. This includes standards such as USP, Ph.Eur., JP and ISO requirements.

West's experienced team understands the material, chemical and functional compatibility between drug products and their packaging, devices and administration systems. Among the laboratories that provide testing services, West stands apart. Our focus and expertise is solely on testing administration systems, devices and packaging for the pharmaceutical industry.

By relying on West's analytical and project management expertise, clients can focus their resources on what they do best – discovering and developing new drugs – and don't have to expend valuable resources testing packaging and drug administration systems.

West is your trusted source for:

- Material and drug compatibility analysis
- Extractables and leachables testing
- Leachables stability storage
- Consultation, protocol design and project management
- Compendial testing for packaging and materials
- Functionality testing of packaging, devices and systems

Qualified. Experienced. Reliable.

Our market approach focuses laboratory staff and testing services on specific client needs.

Extractables and Leachables Testing—West possesses unmatched expertise in all areas of packaging compatibility testing. For all pharmaceutical and biopharmaceutical products as well as devices and administration systems, West provides the data our clients require to select the best packaging system to meet their unique requirements. West's experience and capabilities provide a single source to move you through extractables material characterization, method development, validation and, ultimately, leachables stability testing.

Package/Material Testing—West can provide or develop/validate test methods that can be applied to packaging where container closure integrity, permeation rates or functionality are of concern. Standard test method offerings are also available in support of process validation. West also supports a variety of compendial testing required for package qualification.

Problem Resolution—West's team approach to problem resolution combines strong analytical capabilities, method development and continuous communication to reduce down time and the cost of analysis.



Knowledgeable.



Dedicated.



Trusted.

Enriching Your Drug Development Process

Emerging companies in the early stages of their existence frequently need the specialized knowledge and skills of outside professionals to complement their own resources.

West can help emerging companies mitigate the risks associated with selecting and testing parenteral drug packaging. West's professionals apply their knowledge of pharmaceutical packaging and regulatory guidances

to help emerging companies get their new drug products to market without undue delay.

Clients turn to West for evaluating and selecting an appropriate packaging and drug administration system, understanding the impact of regulatory guidances on packaging and administration systems, and analytical laboratory testing focused on packaging, devices and administration systems.





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