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## **Bilcare Research Launches FastPack™ as Streamlined Path to Optimum Product Packaging and Lower Risk**

*Fastest turnaround 15-Day Analysis Saves Pharmaceutical Manufacturers Time and Money by Determining Ideal Packaging Needs*

Bilcare Research one of the world's largest manufacturers of blister packaging solutions, has introduced FastPack™, an expedient process for determining the optimum blister film barrier properties for the packaging of pharmaceutical products.

Building on the company's expertise in drug stabilization, through FDA recommended QbD principles – a scientific process Bilcare Research pioneered starting in the early 2000s, and that includes its premium Bilcare Optima™ service – FastPack™ helps packaging engineers and formulators of global pharmaceutical companies overcome the time and resource crunch they face when attempting to achieve successful stability studies.

The science behind FastPack™ was devised from sensitivity profiling conducted on hundreds of pharmaceutical formulations over the past 15 years. When doing so, Bilcare scientists found that the vast majority of packaging related stability failures can be ascertained by systematically analyzing the product's physical attributes, as opposed to more stringent, time-consuming chemical testing. The result is a scientifically streamlined process: In only 15 business days, FastPack™ identifies a product's two most optimal packaging materials in terms of cost and barrier protection.

FastPack™ yields a greater than 90% certainty of passing a packaging stability study. For pharmaceutical manufacturers, this means reduced risk of both FDA approval delays due to insufficient package barrier properties and, conversely, wasteful and costly over-packaging.

FastPack™ determines a product's susceptibility to various environmental factors – most prevalently humidity, temperature, light and oxygen – through scientifically designed experiments. It puts products through a variety of tests, including those measuring hygroscopicity, hardness, friability and photo sensitivity. FastPack™ also provides a machine tool drawing, a packaging cost analysis with material specifications and testing methods, and samples of recommended packaging materials. In addition, free training and technical support are provided until product commercialization.

Key advantages of FastPack™ include:

- Avoids the steep analytical and material cost of multiple packaging stability studies
- Lessens packaging cost for product lifetime due to over-packaging
- Saves time of packaging engineers
- Reduces machine downtime due to improper machine settings
- Increases machine efficiency through optimum machine settings
- Provides free training and FAT trial assistance to machine operators
- Offers ongoing technical support until commercial implementation

"Bilcare's FastPack is the ideal solution for companies that want to expedite product commercialization and reduce development time and costs associated with packaging needs," said Ajith Nair, Ph D, Sr. VP of Research & Quality at Bilcare Research. "Determining a product's environmental sensitivities can be achieved in only 15 days, a turnaround time that is unsurpassed by any other available process."

### **Note to the Editors**

Bilcare Research AG ([www.bilcaresolutions.com](http://www.bilcaresolutions.com)) is part of the Bilcare Research Group ([www.bilcare.com](http://www.bilcare.com)) and operates 7 sites worldwide. Bilcare Research AG is a global producer of rigid films and foils. Its manufacturing and product innovation activities of over 50 years is focused at providing customer centric solutions to the pharmaceutical sector, print and label industry as well as the security and credit card customers globally. The company employs approximately 1,200 people and has annual sales of EUR 300 Million.

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