



Customer: Takeda Pharma GmbH, Germany

Takeda Pharma GmbH as part of the Japanese Takeda Group is a global pharmaceutical company, focussing on branded compounds as for gastroenterology, respiratory and inflammation problems, pain, osteoporosis, and tissue management. A broad variety of OTC drugs completes the portfolio. The company has more than 10.000 employees all over the world and offers products in more than 100 countries. Takeda has a strong presence in Europe and in fast growing markets, such as Russia/CIS and Latin America. The company has its headquarter in Zurich, Switzerland and achieved a total turnover of ca. € 3,2 billion in 2010.

Application: Raw material identification within production

Customer avoids to control each container already in the warehouse. For Takeda there are major advantages to perform each single container identification in the laboratory in parallel to the production (weighing process). Other international pharmaceutical companies could also follow this example, because it's very efficient.

Equipment: NIRFlex® N-500

Raw materials are measured with the NIRFlex N-500. Solid and semi-solid samples are measured with measurement cell fibre optic solids in diffuse reflection. Liquid samples are measured in transmittance with measurement cell liquids.

Benefit / Conclusion: Unsupervised work, robust and durable

Speed up release, easier handling, each container just opened once for sampling, NIR measurements performed by higher qualified staff in the lab and avoiding logistic bottlenecks in the warehouse.

"Takeda Pharma GmbH is controlling more than 30000 containers per year. NIR allows to save time without losing safety."

Mr. Armin Groh, Laboratory Manager Quality Control
