



# Unrivaled Commitment to Quality



A company operating in the pharmaceutical field must have advanced technological capabilities, not just in R&D but in the manufacturing process as well. While coordinating personnel, facilities, and technology of a high level, Mochida Pharmaceutical Plant Co., Ltd. (MPP) ensures hierarchical control over manufacturing and quality, from individual processes to the overall procedures. This is intrinsic to a quality assurance system designed to ensure that only products of outstanding quality leave the company. MPP takes a proactive approach to achieving superior quality in all aspects of operations. It is an approach that demonstrates the company's indomitable spirit of originality and research based on a strong vision of the future.

## State-of-the-Art Manufacturing and Quality Control

In addition to efficacy and safety, high quality is essential to pharmaceutical products, which directly impact life and health. MPP ensures strict adherence to the quality standards on which marketing approval is based. It is by observing GMP that the Company's pharmaceutical manufacturing unit has achieved high levels in both manufacturing and quality control. MPP's basic approach and a prerequisite for all manufacturing is to introduce products of superior quality to the market. While ensuring that each employee operates within the scope of these rules, MPP still maintains its own unique approach and continues to find new ways to achieve better quality.

## Utilizing the Latest Advances in "Hardware" and Technology

The Head Office Plant (Otagawa) manufactures injectable solid (oral) and topical medicines. Conforming to American and European quality control standards, all phases of production at the Injectable Medicines building, from receipt of raw materials to the shipping of final products, are managed with computer systems. MPP utilizes this exacting production system in the manufacture of enzyme, protein, and biological products and other injectable drugs, processes which require the highest levels of technology. MPP's flexible production system further enhances stability in production to cover the variable order sizes in contract manufacturing, including orders for oral and topical medicines. We are also actively working to improve packaging technology to prevent misuse of drugs and increase conformity with universal design.

## Extensive Experience in the Development and Manufacture of New Medicines

As a manufacturer working in the development of new medicines, MPP has vast experience in scaling up manufacturing of products, both those developed in-house as well as through technology transfer, and has the ability to consult on matters such as industrialization and large-scale production. In addition, MPP can assist clients investigating any stage of production, from development to contract manufacturing, applying the Company's experience in research, development, and pharmaceuticals to provide support in establishing efficient manufacturing processes.

## Giving Careful Consideration to Environmental Protection

MPP's commitment to protecting natural resources, maintaining natural beauty, and preserving the environment around us is not only a fundamental aspect of the company's corporate activities, it is based on the company's wish to contribute responsibly in its dealings with the larger community. As part of this awareness, in all its production activities, MPP places great emphasis on careful selection of raw materials for products, reduction of the amount of packaging used, and safe and proper disposal of waste. In recognition of these efforts, in March 2002 the Head Office Plant (Otagawa) was awarded ISO 14001 certification by the International Standards Organization for its environmental management system. This plant, which used heavy oil as fuel, switched to liquefied natural gas and electricity in March 2009, in an effort to further reduce the amount of carbon dioxide emissions.



Mochida Pharmaceutical Plant Co., Ltd. / Main plant