

## CHAPTER 1. INTRODUCTION

Established in the year 2014, PT. Etana Biotechnologies Indonesia (or “Etana”) is an emerging biopharmaceutical company specialized in the production of high-quality, affordable and innovative biopharmaceutical products to treat a range of life threatening diseases related to the metabolic and autoimmune diseases. To provide the best service for local patients, PT. Etana Biotechnologies Indonesia has established a wide network of international partnerships dealing with pharmaceutical production with a strong record in developing efficacious and safe products.

As a company, PT. Etana Biotechnologies Indonesia has a committed vision and mission for the future. Their vision is to become the forefront biopharmaceutical company by the year 2025 while their mission is to become an integrated biotech company in the business of manufacturing and marketing high-quality and affordable biosimilars for Indonesia and international countries.

The core value of PT. Etana Biotechnologies Indonesia lies in the 3C which stands for commitment, collaboration and care. With these values, PT. Etana Biotechnologies Indonesia is committed to enabling Indonesians to live long and healthy lives by working proactively with major health associations to ensure that all Indonesians have access and service to life-saving and life-enhancing drugs that were previously unavailable or difficult to access. These values are not only directed towards the patients but also for the staff working at PT. Etana Biotechnologies Indonesia where they are given the opportunity for professional development and growth.

PT. Etana Biotechnologies Indonesia has a functional organizational structure where individuals are grouped and tasked based on their skills. The departments that are established in PT. Etana Biotechnologies Indonesia include Human Resource (HR), Quality Assurance (QA), Quality Control (QC), Research and Development (R&D), Production and many more. Each division has its specific function and tasks for a fully functioning company. For example, the HR department is responsible for the recruitment of individuals to work at the company while the R&D department is responsible for the testing and development of new drugs or therapeutic products.

The R&D department is the department in which I, Hennie, is stationed. This department is divided into several divisions, these include Packaging Development, New Product Knowledge, Analytical Development, and Formulation Development. As an intern in the Analytical Development division of the R&D department, the main activity revolves around paperwork and lab work. The paperwork mainly consists of revising and creating study protocols or reports and other documents such as user requirement specification (URS) and standard operating procedures (SOP) of equipment. Lab work is also included in the agenda which started out with pipetting qualification, an introduction on the usage and maintenance of certain equipment (such as the analytical balance and microplate fluorescence reader) as well as being assigned as the person in charge of the project “mRNA Residue Determination” which is the highlight of this internship report.