FERRON

PT FERRON PAR PHARMACEUTICALS
Innovation, Quality and Care

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A Pharmaceutical Toll Manufacturing Company

WITH INTERNATIONAL STANDARD

FERRON

Innovation, Quality and Care

We are devoted to the nation by conducting researches and innovation in the pharmaceutical sector. For the health of the Indonesian society and the world.

www.ferron-pharma.com

PT FERRON PAR PHARMACEUTICALS

Vision and Mission

A leading company dedicated to provide significant added values the benefit of our customers business partners and other stakeholders by delivering innovative and high-quality products together with excellent service to achieve health for all nationwide as well as regional and global through effective, efficient, and continuously improved operations.

2001-2003

2001 : Start
2002 : BPOM Approval (Liquid, Solid1, Sterile 1)
2003 : Inauguration

2005-2009

2005 : Extension Solid 2
2008 : First Export to UK
2009 : Extension Sterile 2 (Lyo and Infusion)

2012

2012 : Extension Sterile 3 (Ampoule and PFS)

2014

2014 : Extension Sterile 4
Upgrade: Liquid Mixing
New Micro Lab

2015

2015 : Extension Sterile 5

2017

2017 : Extension Liquid Stickpack

2018

2018 :
- Serialization
- Cross contamination project (upgrade facility)

Certifications

Indonesia GMP Certificate
All production lines in Ferron are GMP certified by Indonesia National Agency of Drug & Food Control (BPOM RI).

ISO 9001 : 2015 Certificate

Germany GMP Certificate

GMP Certification UK MHRA
Ferron is able to consistently produce high quality products, based on their intended uses, as well as able to meet the criteria and authorization of marketing in the United Kingdom.

GMP Certification Australia TGA
The certificate is required to prove that Ferron has the capacity to produce high quality products consistently, based on their intended uses, as authorization criteria in Australia.

Achievement

Karya Anak Bangsa Award 2018
PT Ferron Par Pharmaceuticals received "Karya Anak Bangsa" award from Indonesia Ministry of Health regarding the contribution of PT Ferron in developing health, pharmaceuticals, and medical device sector in Indonesia.

The Outstanding Corporate Innovator (OCI) 2018 – Platinum Award
PT Ferron Par Pharmaceuticals received a Platinum Award in The Outstanding Corporate Innovator (OCI) Award 2018 for innovation in formulation development of Glucient SR Products. Ferron become the first pharmaceutical company in Indonesia that export this sustained release products into UK country.

Primaniyarta 2017 – In The Category of New Market Pioneer
PT Ferron Par Pharmaceuticals received the Primaniyarta 2017 Award for the category of New Market Pioneer. Primaniyarta is the highest award given by The Indonesian Government to exporters with the highest achievement that can be a role model for other exporters. The success of Ferron is its ability to penetrate "highly regulated market" in the UK as the first pharmaceutical company in Indonesia that is accredited in the UK and exports its products to the country.

A Member of Dexa Group Company

Dexa Group was established in 1969, in Palembang, South Sumatera, to actualize the dedication of its founder, Drs. Rudy Soetikno, Apt. to pharmaceutical sector. Dexa Group grows as a group of pharmaceutical companies.

Each company develops based on its expertise and distinctive business. Currently, these companies are getting more recognition in the national and regional pharmaceutical industry. With more than 7000 human resources across Indonesia and several Asian countries, including in five production sites and head offices in different locations. Dexa Group is not only able to meet the demand for medicines in the domestic market, it is able to expand to more than 10 countries in Asia, Africa, Europe, and the US.

Solid & Cephalosporin Production
PT. Dexa Medica, Palembang

Solid, Liquid, Injectables & API Production
PT. Ferron Par Pharmaceutical, Cikarang

Oncology Injectable Production
PT. Fonko International, Cikarang

DLBS Research & API Production
PT. Dexa Medica, Cikarang

Dexa Development Center
PT. Dexa Medica, Cikarang

Solid Production
PT. Beta Pharmacon, Karawang

Titan Center, Office Building Bintaro

National Distribution Center
PT. Anugrah Argon Medica, Cikarang

Warehouse

- Controlled and secured area management
- Enterprise Resource System in place for manage and control raw material & FG.
- Automatic temperature monitoring system
- High capacity warehouse

Utilities

Each production line has dedicated HVAC unit equipped with HEPA filter to minimize the risk of cross contamination. Room pressure, temperature and humidity are continuously monitored by EMS.

Ferron has water treatment plant that can produce purified water and water for injection with in line monitoring system. Water is continuously circulated in the looping system. The looping system is sanitized with ozone.

Sterile Bulk Lyo API

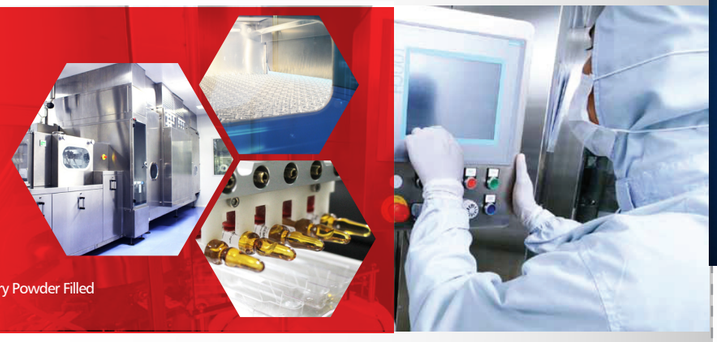
The 1st Pharmaceutical Manufacturer for API Bulk Sterile in Indonesia Drug Master File (DMF) available for any market Production process with high sterility assurance systems. Automatic process to minimized people intervention.

Sterile Bulk Lyo API

STERILE DOSAGE FORMS

Ferron has five sterile production lines that are capable of producing both aseptic and final sterilization products with several of dosage forms such as ampoules, vials, pre-filled syringe, flacon, canister, etc.

Ampoule | Injectable in Vial | Pre Filled Syringe | Injectable Dry Powder Filled



Certifications:

BADAN POM — Indonesia GMP Certificate

ISO 9001 : 2015 Certificate

Gewerbeaufsicht in Niedersachsen — Germany GMP Certificate

NON STERILE DOSAGE FORMS

Ferron has four non-sterile production lines that are capable of producing syrup, suspension, oral drops, tablet, caplet, pellet, capsule, ointment, cream, gel, suppository, and ovule. Products can be packed in bottle, stick pack, blister, strip, and tube.

Cream | Capsule | Tablet | Sachet | Syrup

All non-sterile production lines in Ferron are equipped with HEPA Filter in each HVAC unit to minimize the risk of cross contamination issue. For non-sterile production lines that has higher dust contamination risk, such as solid production lines are equipped with an airlock and extra gowning to enter that area (including special instruction to minimize the contamination risk).

Certifications:

BADAN POM — Indonesia GMP Certificate

MHRA — GMP Certification UK MHRA

Australian Government Department of Health Therapeutic Goods Administration — GMP Certification Australia TGA

Quality Assurance

Ferron Integrated System (FIS) maintain Quality Management System to consistenly comply with regulation (CPOB,ISO, Halal, EU GMP, UK MHRA, TGA)

Laboratory

- In house testing for all materials and products
- Laboratory integrated management system in place
- Good Laboratory Practice in place
- Comply with Data Integrity Guideline - MHRA
- Consist of ±50 qualified pharmacists and analysts
- Isolator used for sterility testing in QC Micro Lab