

Muhammad Fahrul Rizal (26 y.o)

Apotechary

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PROFILE

A registered pharmacist from Universitas Indonesia which mastery in Quality Assurance (QA) Team of Pharmaceutical Industry PT. Guardian Pharmatama for 2 years 9 months since 2023. Experienced in evaluate all products (cosmetics, solid, liquid, semisolid, and sterile drugs; health supplement and herbal drugs; and quasi drugs) about the product validation, formulation, callibration, quality testing, deviation, change control, and stability. Understanding about Good Manufacturing Practice on Cosmetics, Halal Product Assurance System, and ISO 9001: 2015 by training. Highly curious about something new consistently, self-discipline, detail, competitive, and active learning by doing.

EXPERIENCES

PT GUARDIAN PHARMATAMA – Citeureup, Indonesia

Product Quality Review (PQR) Supervisor (August 2023 - now)

- Supervised 185 product quality review report by 3 personnel (2024) & 251 product quality review report by 5 personnel (2025) in a Trend Evaluator Team which was finished less than 1 year consistently.
- In trending review year of 2024, monitored batch appears, batch which is in Product Delivery Note (PDN), and batch input in PQR Worksheet by PQR staff in every product in every month as reference to schedule of making & review PQR next year. After that, in trending is changed from year-to-year to be month-to-month period in December 2025, monitored all products which will be reported in 2026 by seeing batch appears together with risk prioritization of products by continuous improvement process, deviations, change with impact of variation registration, and product history for scheduling of making PQR next year.
- Helped QA Manager to apply continuous Product Quality Review's Improvement from audit's results and scientific based and helped QA Manager to response consultation's email from all departments about PQR recommendations.
- Making database of +500 recommendations of product quality review which is not meet the requirements by memo. Monitored and Followed up of PQR recommendations to all departments in the beginning of every month until "Closed" together with Quantified "Closed" and "Open" recommendations.
- Collected and Checked the data about characteristics and trend of all batch every year from Formula & Batch Size, Raw Material, Packaging Material, HVAC, Production, Quality Control, Deviations, Change Controls, Process Validation, Analysis Method Validation & Transfer, Stability, Registration, and Statistical Performance Analysis.
- Made a team focused on several improvement, such as from Excel Database for obtaining PQR data easily, Poka Yoke for making PQR Report with a little error, PQR report from hardcopy circulation system to softcopy circulation system which saved papers until 2 million Rupiah in a year and decreased 6 days of approval in a year, recommendation memo given from softcopy (scan) & hardcopy to be only softcopy which was sent faster, until Excel Formula for Quantification.
- Revised PQR Standard Operating Procedures (SOP) by input statistics (for the first time), updated Indonesian Good Manufacturing Practice (GMP) 2024, documented improvement in softcopy PQR circulation, until input improvement of several PQR data for review.
- Faced internal audit from Solid Production Manager (March 2024), internal audit from Analysis Research & Development Manager (September 2024), internal audit from Solid Formulation R&D Manager (March 2025), internal audit from R&D Manager (October 2025), until external audit from Badan Pengawas Obat dan Makanan (BPOM) in June 2024, Unimex in December 2024, Maturity Level & GMP Resertification from BPOM in September 2025.
- Helped to recruit a Trend Evaluator Inspector which entered in March 2024 and a Trend Evaluator Supervisor which entered in March 2025.
- Got the certification of
 - a. Pharmacovigilance Training with post test score 100/100 and evaluation score 100/100.
 - b. Halal Assurance System Training with post test score 100/100 and evaluation score 90/100.
 - c. ISO 9001: 2015 Training with post test score 95/100 and evaluation score 85/100.
 - d. Good Manufacturing Practice on Cosmetics with post test score 90/100 and evaluation score 85/100
 - e. Good Manufacturing Practice on Medicine & Herbal in Laboratory and Office with post test score 100/100 and evaluation score 90/100
 - f. Sterile Production with post test score 100/100 and evaluation score 100/100
 - g. Quality Control with post test score 100/100 and evaluation score 100/100
 - h. Quality Risk Management (QRM) with post test score 100/100 and evaluation score 90/100

- i. Leadership with post test score 100/100 and evaluation score 100/100
- j. Auditor Training for Supplier Audit with post test score 100/100 and evaluation score 100/100
- k. Self-Worth Aspect & Self-Esteem for Building Respectful Workplace with post test score 100/100 and evaluation score 100/100
- l. CDOB, CPOB & CPOTB Advance: Warehouse with post test score 90/100 and evaluation score 100/100
- m. Deviation Program with post test score 100/100 and evaluation score 100/100
- n. Change Control with post test score 100/100 and evaluation score 100/100
- o. Bioequivalence Test Procedure with post test score 100/100 and evaluation score 100/100
- p. Halal Product Assurance System with post test score 100/100 and evaluation score 100/100
- q. Documentation with post test score 100/100 and evaluation score 100/100

PT GUARDIAN PHARMATAMA – Citeureup, Indonesia

Second Back-Up Pharmacovigilance (August 2023 – August 2025)

- To be a Pharmacovigilance Trainer for four times, in 18th of July 2024, 22nd of October 2024, 1st of February 2025, and 22nd of April 2025 which always update about Pharmacovigilance regulations.
- Joined a meeting about new product update related to Pharmacovigilance for the next Risk Management Plan (RMP).
- Reported the non-serious adverse event once every 6 months and studied about Pharmacovigilance from Pharmacovigilance Forum.
- Prepared Pharmacovigilance documents for Pharmacovigilance Audit in September 2024, especially about competency update from Pharmacovigilance team related to Pharmacovigilance and Health (in general).

PT DARYA-VARIA LABORATORIA TBK – Gunung Putri, Indonesia

Quality Control Intern (October 2022 – December 2022)

- Resulted apothecary internship report about "Study Protocol of Holding Time *Purified Water* in *Carboy* 2022".
- Made Study Protocol about Risk Assessment of Potential Elemental Impurities in Imunped Syrup together with questionnaire.
- Made Study Protocol about "Analytical Method Verification Organic Impurities Determination in Chlorpheniramine Maleate Using HPLC" and "Analytical Method Verification of Chlorpheniramine Maleate Assay Using HPLC".
- Compared 95 and 99 percentile from Tracking Alert and Action Limit of many microbiology testing by excel with Minitab and Scientific Calculator.
- Compared +150 raw material specification from Procedure Operating Standard of Darya Varia and Compendial as United States Pharmacopeia, British Pharmacopeia, Farmakope Indonesia, or European Pharmacopeia.
- Studied about many departments in Darya-Varia Laboratoria, such as Research and Development, Health, Safety, and Environment, Raw Material Warehouse, Quality Control, Engineering, Production, Technical Services, Quality Assurance, Packing, and Packaging Material Warehouse.

EDUCATION

UNIVERSITAS INDONESIA (2022 - 2023)

Apothecary – GPA 3.78/4.00 (Cumlaude)

UNIVERSITAS INDONESIA (2018 - 2022)

Bachelor of Pharmacy – GPA 3.51/4.00 (Cumlaude)

LEADERSHIP AND ACTIVITIES

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| <ul style="list-style-type: none"> ● Speaker of Upgrading Syiar Islam Farmasi, 2025, by Syifa FFUI ● Jury of Essay Competition Ocean Xperience, 2025, by BEM FPIK IPB ● Speaker of Virtual SEP about Pharmacovigilance to Overcome Global Health Issue, 2025, by BEM FFUI ● Professional Mentor of Research and Innovation, 2025, by Science Hunter Indonesia (SHI) | <ul style="list-style-type: none"> ● Mentor of Scientific Writings in IPB Outstanding Scholars platform, 2025, by IPB University ● Jury of Islamic Fair Essay Competitions, 2024, by SYIFA FFUI ● Speaker of Scientific Writings Workshop, 2024, by IKAMI SULSEL Cabang Surabaya ● Mentor of Career Preparation, 2024, by Dealls Jobs ● Mentor of Scientific Writings in IPB Outstanding Scholars platform, 2023, by IPB University |
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- Speaker of Bincang Sejawat about "Beyond the Limit: Gali Potensi Kreatif Fresh Graduate di Dunia Kerja", 2023, Sejawat Sukses
- Speaker of National Webinar about Tips and Trick Menang Lomba Karya Tulis Ilmiah, 2023, by BEM Fakultas Ilmu Kesehatan Universitas Citra Bangsa
- Tutor of Endocrine and Reproduction System Module, 2023, by Syiar Islam Farmasi
- Tutor of Clinical Pharmacy, 2023, by STIKES Bhakti Husada Mulia
- Jury of Essay Competition, 2023, by Olimpiade Ilmiah Mahasiswa FFUI
- Staff of Event, 2023, by Apothecary Oath for Pharmacy Students Batch 95

ACHIEVEMENT

- Finalist of Poster Presentation Seminar Nasional Farmasi 2025 in **HMPF ITB**
- Bronze Medal Finalist of Paper and Poster Competition at 2024 in **INTERNATIONAL YOUTH SUMMIT**
- Runner up of Career Inspirator Apothecary at 2024 in **ISMAFARSI X IYPG GLOBAL AWARD**
- Awardee of achievement scholarship at 2022 in **IKATAN ALUMNI MAHASISWA FFUI**
- Second Place of Individual Essay Competition at 2022 in **PHARMACEUTICAL COMPETITION OF BANI SALEH**
- Third Place of Code for Health Hackathon at 2022 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION**
- First Place of Most Outstanding Student at Academic at 2022 in **JABODELATA AWARDS**
- First Place of Pharmacy Outstanding Student At Scientific at 2022 in **FAKULTAS FARMASI UNIVERSITAS INDONESIA**
- Third Place of Group Essay Competition at 2022 in **FESTIVAL JABODELATA**
- Second Place of Group Clinical Skill Event at 2022 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION APRO**
- Fifth Place of Best Most Outstanding Student at 2022 in **ISMAFARSI AWARDS**
- First Place of Group Industrial Skill Event at 2021 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION INTERREGIONAL**
- Third Place of Best Most Outstanding Student at 2021 in **FAKULTAS FARMASI UNIVERSITAS INDONESIA**