

BELLA VANESA SIMANUNGKALIT

Apt. - Pharmacist | Quality Control | COA Review & Quality Risk Management
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PROFESSIONAL SUMMARY

Licensed Pharmacist (Universitas Sumatera Utara, Professional Pharmacist Program 2025-2026, GPA 4.00/4.00; Bachelor of Pharmacy 2021-2025, GPA 3.38/4.00) with hands-on Quality Control experience gained during a 2-month placement at PT Prima Medika Laboratories. Involved in both long-term and accelerated product stability testing, covering assay/content, specific gravity, delivered volume, and pH across up to 3 batches per day.

Assisted the QC Supervisor in the preparation of Certificate of Analysis (COA) documents, contributing directly to the drafting process while the Supervisor retained final review and approval authority. Contributed to Quality Risk Management (QRM) activities within the QC area, and maintained active cross-team coordination with the Physics-Chemistry and QC Packaging teams to keep testing schedules aligned and quality standards consistent.

Reinforced by a plant-wide induction across QA, Production, Warehouse, Engineering, and Wastewater Treatment (IPAL), and by hands-on Good Distribution Practice (CDOB/GDP) experience assisting a Responsible Pharmacist (APJ) at a licensed pharmaceutical wholesaler. Detail-oriented, disciplined in GMP/CPOB/GDP-compliant documentation, and building toward readiness in a Quality Control environment. Progressive leadership experience spanning high school through university - including chairing a student organization, guiding a team to award-winning results, and leading a 4-member cross-disciplinary research team - provides a strong foundation for taking on supervisory leadership responsibilities in a Quality Control setting.

CORE SKILLS

- Certificate of Analysis (COA) Preparation & Documentation Support
- Quality Risk Management (QRM) in QC Operations
- Cross-Functional QC Team Coordination (Physics-Chemistry, QC Packaging, Production, Warehouse)
- Laboratory Instrumental Analysis: HPLC, UV-Vis Spectrophotometer, FTIR, Gas Chromatography (GC); AAS familiar
- GMP / CPOB / GLP / GDP Documentation & Traceability
- Good Distribution Practice (CDOB/GDP) & Cold Chain Product (CCP) Awareness
- Regulatory Awareness: BPOM, CDOB, Ministry of Health Regulations
- Team Leadership & Communication
- Basic Statistical Analysis: Excel Functions, SPSS (basic)
- Attributes: Analytical, Detail-Oriented, Firm, Responsible, Collaborative, Fast Learner, Adaptive

QUALITY CONTROL EXPERIENCE

Quality Control | PT Prima Medika Laboratories, Tangerang

Feb-Mar 2026 (2 Months)

- Assisted the QC Supervisor in the preparation of Certificate of Analysis (COA) documents for tested batches, compiling and drafting analytical results into COA format, while the Supervisor conducted final review, verification, and approval prior to release.
- Contributed to Quality Risk Management (QRM) activities within the QC area; for example, identified testing throughput risk arising from limited instrument availability and helped prioritize time-sensitive samples, such as stability testing batches, to reduce the risk of delayed analytical release.
- Maintained active communication and coordination with other QC sub-teams, including the Physics-Chemistry (Fisika Kimia) team and QC Packaging team, to align testing schedules and ensure consistent quality standards across raw material, packaging, and stability testing streams.
- Performed both long-term and accelerated product stability testing across up to 3 product batches per day, covering assay/content determination, specific gravity, delivered volume, and pH; assay/content testing was carried out using HPLC under the direct guidance of the QC Supervisor.
- Conducted analysis of raw materials and packaging materials using UV-Vis Spectrophotometer, FTIR, and Gas Chromatography (GC) to determine release/reject status prior to manufacturing use.
- Completed a cross-functional induction across QA, Production, Warehouse, Engineering, and Wastewater Treatment Plant (IPAL), gaining first-hand exposure to how in-process control (IPC) checks and QC decisions feed into overall production release.
- Prepared and maintained laboratory documentation per SOPs and Good Documentation Practice (GDP), reinforcing a quality-first, audit-ready mindset.

PHARMACEUTICAL DISTRIBUTION & COLD CHAIN EXPERIENCE

Pharmacist Professional Practice (PKPA) - Assisting Responsible Pharmacist (APJ) | PT Marga Nusantara Jaya (Pharmaceutical Wholesaler / PBF)

Sep 2025

- Assisted the Responsible Pharmacist (APJ) in procurement, storage, and distribution operations under Good Distribution Practice (CDOB) and BPOM Regulation No. 20/2025.
- Performed storage temperature monitoring twice daily to ensure pharmaceutical products were maintained within required storage conditions.

ADDITIONAL PHARMACEUTICAL PRACTICE EXPERIENCE

- Pharmacist Professional Practice (PKPA), RSUP H. Adam Malik Hospital, Medan (Jan-Feb 2026) - clinical pharmacy services and Drug Therapy Monitoring per Ministry of Health Regulation No. 72/2016.
- Pharmacist Professional Practice (PKPA), Kimia Farma Pharmacy 586, Tasbih Square Medan (Nov 2025) - prescription review, dispensing, and patient counseling per Ministry of Health Regulation No. 73/2016.
- Pharmacist Professional Practice (PKPA), Bromo Primary Healthcare Center - Puskesmas (Oct 2025) - chronic-disease counseling and community education per Ministry of Health Regulation No. 74/2016.

RESEARCH & FORMULATION EXPERIENCE

Product Concept Developer - Pharmacy Funtastic Essay Competition 2025 | National Competition, Top 10 Winner

2025

- Designed an original probiotic tablet formulation concept, MYURA Supplement Pro & Vit B2, combining *Lactobacillus fermentum* with Vitamin B2; write-up selected as a Top 10 national finalist among universities across Indonesia.

Research Team Member - Student Creativity Program (PKM) | Universitas Sumatera Utara

2025

- Led a 4-member, cross-disciplinary research team (Chemical Engineering, Dentistry, Pharmacy) on natural ingredient extraction and bioactivity testing (MTT assay) of *Plectranthus amboinicus* leaf extract.

EDUCATION

Professional Pharmacist Program (apt.) | Universitas Sumatera Utara (USU)

2025 - 2026 | GPA: 4.00/4.00

Bachelor of Pharmacy (S.Farm.) | Universitas Sumatera Utara (USU)

2021 - 2025 | GPA: 3.38/4.00

LEADERSHIP & ORGANIZATION

- Chaired a Literature (Sastra) student organization during senior high school.
- Led a 4-member, cross-disciplinary research team for the Student Creativity Program (PKM), Universitas Sumatera Utara.
- Guided a short-film production team to 3rd Place at both provincial and national level competitions (2020).

ACHIEVEMENTS & AWARDS

- Top 10, National Scientific Essay Competition 2025 - "MYURA Pro Supplement & Vit B2" (*Lactobacillus fermentum* Probiotic Tablets from Dekke Naniura Isolate for Colorectal Cancer and Immune Health).
- 3rd Place, Short-Film Production Competition - Provincial and National Level (2020).