

SALSABILA KHAIRUNNISA

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Palembang, South Sumatra, Indonesia

Fresh Graduate B.Sc. in Chemistry from UIN Raden Fatah Palembang (GPA: 3.89/4.00) with hands-on experience in laboratory analysis and quality testing based on Indonesian National Standards (SNI) at the Center for Standardization and Industrial Services (BSPJI) Palembang. Recipient of research funding from Pertamina Foundation. Proficient in sample preparation, titration, gravimetric analysis, UV-Vis spectrophotometry, and laboratory safety (K3) compliance. Highly detail-oriented with strong analytical data verification and document management skills.

Work Experiences

Laboratorium UIN Radenn Fatah Palembang - Palembang, Indonesia Sep 2023 – May 2026

Laboratory Assistant

- Coordinated with laboratory technicians to prepare glassware, instruments, and chemical reagents, as well as standardized solutions to ensure smooth laboratory practical sessions.
- Guided and supervised over 25 students in conducting Basic Chemistry and Organic Chemistry experiments.
- Ensured strict adherence to Occupational Health and Safety (K3) protocols and safe handling of chemical waste within the laboratory environment.
- Evaluated students' understanding through regular pre-tests, practical exams, and objective assessments of data analysis reports.

Laboratorium Balai Standarisasi dan Pelayanan Jasa Industri Palembang - Palembang, Indonesia Des 2024 – Jan 2025

Laboratory Analyst

- Conducted testing in accordance with Indonesian National Standards (SNI) and Good Laboratory Practice (GLP).
- Operated UV-Vis Spectrophotometry, titrimetry, and gravimetric analysis instruments with high precision and accuracy.
- Performed sample preparation and reagent solution standardization following Accredited Laboratory Standard Operating Procedures (SOPs).
- Verified, processed, and recorded test data into Log Books / Analysis Worksheets to ensure data validity and traceability (data integrity).
- Consistently applied laboratory safety standards, including hazardous materials (B3) handling and instrument maintenance.

Education Level

UIN Raden Fatah Palembang - Palembang Aug 2022 - Aug 2026
Bachelor Degree in, 3.89/4.00

- 1st Winner**, Scientific Poster Competition - Chemistry Got Talent HMPS Kimia UIN Raden Fatah (2025)
- 2nd Winner**, IPPF Quiz Competition - Faculty of Economics and Business UIN Raden Fatah (2024)
- Grant Recipient**, Pertamina Foundation Funding under PKM Young Leader Innovation Category (2024)
- 1st Runner-Up**, EcoHabits Campaign (Zero Waste in Islamic Perspective) - PTKIN National Scientific Competition (2025)
- Finalist**, Scientific Writing Competition - Universitas Wiraraja (2022)
- Finalist**, Essay Competition - Gebyar Kimia-Kimia Litium Universitas Jambi (2025)

MAN Batam – Batam
Science, 89.29/100

Jul 2019 - Jun 2022

- 3rd Runner-Up**, District National Science Olympiad (OSN-K) in Chemistry (2021)
- Participant**, Provincial National Science Olympiad (OSN-P) in Chemistry (2021)
- Top 16**, 25th Student Olympiad League - Universitas Sumatera Utara (2021)
- Finalist**, Sriwijaya Chemical Engineering Competition - Universitas Sriwijaya (2021)

Organization Experience

Generasi Baru Indonesia (GenBI) Sumatera Selatan
Environmental Staff

Oct 2025 – Jan 2026

- Designed and executed environmental sustainability work programs, including tree-planting initiatives (*Genam / Gerakan Menanam*) and ecosystem conservation campaigns.
- Acted as event committee member responsible for logistics management, location permits, field technical coordination, and mobilizing dozens of participants.
- Produced digital educational content regarding environmental issues, converting scientific information into engaging public awareness materials on social media.

Partnership and Cooperation Staff (KJSM)

- Created graphic designs, including flyers, event posters, and digital media content to support organizational activities.
- Managed multimedia documentation and post-production, overseeing photo curation and video recaps (after-movies) for official archives and social media publishing.
- Maintained consistency of organizational visual identity (branding guidelines) across all public publication channels.
- Collaborated across divisions to ensure all visual and documentation requirements were delivered on schedule.

Himpunan Mahasiswa Program Studi Kimia UIN Raden Fatah Palembang
General Secretary

Apr 2024 - Dec 2024

- Managed administrative governance and document control for 20+ official files, incoming/outgoing letters, work program proposals, and Accountability Reports (LPJ) using a structured filing system.
- Facilitated meeting coordination and minute-taking, scheduled board meetings, monitored action item follow-ups, and distributed minutes accurately and promptly.
- Maintained organizational data confidentiality and integrity while ensuring inter-divisional administrative compliance with SOPs and regulations.
- Served as the primary administrative liaison between student association, department faculty, and university administration for event permits and document legality.

Skills

- **Laboratory & Technical Skills:** Titrasi (Asidimetri, Alkalimetri, Kompleksometri), Spektrofotometri UV-Vis, Gravimetri, Preparasi Sampel, Standardisasi Larutan Pereaksi, Pengoperasian Neraca Analitik & pH Meter.
- **Quality & Safety Standards:** Good Laboratory Practice (GLP), HACCP, Keamanan Pangan (Food Safety BPOM), SMK3 Laboratorium (ISO 45001:2018).
- **Software & Tools:** Microsoft Office (Word, Excel, PowerPoint), Pengolahan & Validasi Data Laboratorium.
- **Languages:** Bahasa Indonesia (Native), English (Working Proficiency / TOEFL ETP: 427).
- **Soft Skills:** Ketelitian Tinggi (*Attention to Detail*), Berpikir Analitis, Pemecahan Masalah (*Problem Solving*), Komunikasi Teknis, Kerja Sama Tim, Manajemen Waktu.

Certifications

- **Food Safety and Quality Assurance di Industri Pangan (Regulasi BPOM)** - Ioda Academy | 2026
- **Good Laboratory Practice (GLP)** – Makin Ahli | 2026
- **Pelatihan SMK3 Laboratorium (Berdasarkan ISO 45001:2018)** – SKPI UIN Raden Fatah Palembang | 2024

