

Mhd. Risky

Fresh Graduate Chemistry | Process Quality
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Fresh graduate Chemistry student from Andalas University with a strong foundation in science and proven experience in research, laboratory work, and data analysis. Skilled in synthesis and characterization of material, analytical techniques, and scientific reporting, with a keen interest in materials chemistry and inorganic chemistry. Proficient in Microsoft Excel, OriginPro, ChemDraw, and Scientific reporting for experimental data analysis. Active in academic and organization activities, experienced in public speaking and science communication. Eager to contribute to safe, reliable, and quality-focused industrial processes and willing to relocate.

Skills

- **Technical Skills:** Sample Preparation, Laboratory Testing, Laboratory Techniques, Data Analysis, Spectrophotometer, Polarimeter, Scientific Reporting, Scientific Writing, Research, SOP Compliance
- **Software:** OriginPro (scientific data analysis and visualization), Microsoft Excel, ChemDraw (chemical structure drawing)
- **Soft Skills:** Analytical Thinking, Public Speaking, Teamwork, Problem Solving, Mentoring, Adaptability
- **Languages:** Bahasa Indonesia (Native), English (TOEFL ITP: 523, Professional Working Proficiency)

Education

Bachelor of Science in Chemistry (GPA 3.85/4.00) | Andalas University **Aug 2022 – Aug 2026**
Relevant Coursework: Analytical Chemistry, Spectroscopy, Instrumental Analysis, Electrochemistry, Inorganic Chemistry, Physical Chemistry, Materials Chemistry, Solid State Chemistry, Quantum Chemistry, Nanomaterials

Work Experience

Chemical Analyst at Balai Badan Pengawas Obat dan Makanan (BPOM) **Jan 2026 – Feb 2026**

- Assisted in laboratory testing and quality analysis of 20+ food, pharmaceutical, and cosmetic samples using standardized analytical procedures.
- Performed sample preparation through weighing, dissolution, dilution and homogenization ensuring 100% compliance with standard operating procedures (SOPs).
- Supported analytical testing by operating laboratory instruments and interpreted experimental data for quality assessments.
- Prepared technical reports and maintained laboratory records, contributing to the timely completion of one month of laboratory testing activities.

Organization Experiences

Fundraising Division at Chemistry Student Association (HIMKA), Universitas Andalas **Jan 2024-Dec 2024**

- Managed the daily operations of the student association's convenience store, contributing to the generation of IDR 15 million in revenue for organizational programs.
- Coordinated product inventory and financial records to support sustainable business operations.
- Organized merchandise and food sales during Car Free Day events and university graduation ceremonies, expanding fundraising opportunities for organizational programs.

Achievement

- **Bronze Medalist – National Olympiad of Mathematics and Natural Sciences (ONMIPA-PT) | 2025**
Represented Universitas Andalas in the national science competition and received the Bronze Medal.
- **Silver Medalist – LK-Mahasiswa, Pekan Ilmiah Kimia (PIK) | 2025**
Awarded the Silver Medal in the Chemistry Competition organized by the Chemistry Student Association (HIMAKI), Universitas Negeri Padang.
- **PKM-RE Funding Awardee – Student Creativity Program (PKM-RE) | 2024**
Member of a research team that received competitive national research funding under the PKM-RE scheme from the Ministry of Higher Education, Science, and Technology.

Speaker Experiences

Open Laboratory in Materials Chemistry – Materials Chemistry Laboratory, Universitas Andalas | 2025
ORMAWA Workshop – Direktorat Kemahasiswaan, Universitas Andalas | 2026