

Hiring Manager PT. Mersifarma TM
Depok, West Java

Subject: Application for R&D Formulation Staff Position

Assalamualaikum Warahmatullahi Wabarakaatuh

I am writing to express my enthusiastic interest in the R&D Formulation Staff position at PT Mersi Farma, as advertised. As a Pharmacist candidate from Universitas Islam Sultan Agung with specialized research experience in natural product formulation and bioactive compound analysis, I am eager to contribute to Mersi Farma’s innovative product development team.

During my academic tenure and professional rotations (PKPA), I developed a profound fascination with drug delivery systems and formulation science. My thesis focused on the extraction and formulation of bioactive compounds, where I successfully utilized HPLC (High-Performance Liquid Chromatography) to ensure the stability and potency of the active ingredients. This experience has equipped me with the technical rigor required to develop high quality pharmaceutical dosage forms that meet strict regulatory and stability standards. My core competencies that align with Mersi Farma’s R&D requirements include:

- Pre-formulation & Formulation: Skilled in excipient selection, compatibility studies, and optimizing dosage forms for both synthetic and natural-based products.
- Analytical Proficiency: Hands-on experience in operating HPLC, UV-Vis Spectrophotometry, and performing physical-chemical characterization of pharmaceutical products.
- Regulatory Knowledge: Deep understanding of CPOB (GMP) and stability testing
- Problem Solving: A methodical approach to troubleshooting formulation challenges and optimizing manufacturing processes for scale-up.

I am a disciplined and detail-oriented professional who thrives in collaborative environments. My previous experience as a Field Coordinator has further honed my ability to manage complex projects and lead teams with mindfulness and integrity qualities I believe are essential for an R&D professional dedicated to creating safe and effective medicines for the Indonesian people. I am particularly drawn to Mersi Farma’s diverse product range and its commitment to providing affordable, high-quality healthcare solutions. Having completed my National Pharmacist Competency Examination (UKOMNAS PDPA) this March, I am prepared to dedicate my full expertise to supporting your research and development goals.

Thank you for your time and consideration. I have attached my resume for your review and look forward to the opportunity to discuss how my formulation skills and analytical background can contribute to the success of PT Mersi Farma.

Wassalamualaikum warahmatullahi wabarakaatuh
Sincerely,

Tholut Adz-Dzahaby, S.Farm.

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Tholut Adz-Dzahaby

PHARMACIST

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PERSONAL INFORMATION

I am a Pharmacy graduate from Universitas Islam Negeri Maulana Malik Ibrahim Malang (2024) with a strong dedication to industrial pharmacy and research. I have recently completed the National Pharmacist Competency Examination (UKOMNAS PDPA) at Universitas Islam Sultan Agung (UNISSULA) and i am scheduled for official graduation in April 2026. I possess a keen interest in natural product pharmacy, supported by research experience in the bioactive compounds of plant extracts as anti-quorum sensing agents against bacteria. I am a resilient and adaptive individual, proficient with the latest laboratory technologies and accustomed to working in challenging environments. I am determined to contribute to the development of innovative, research-based pharmaceutical products.

PROFESSIONAL SUMMARY

A Pharmacist candidate with a strong focus on Industrial Pharmacy, specifically in Quality Assurance (QA), Production, and R&D. Recently completed the Professional Apothecary Program with a GPA of 3.50, possessing hands-on experience in CPOB/CPKB (GMP) and CDOB (GDP) through intensive internships at BPOM, pharmaceutical industries, and distribution centers. Proven leadership as a Field Coordinator managing emergency response teams, demonstrating an ability to lead, coordinate under pressure, and solve complex problems. Committed to ensuring high standards of production efficiency and product quality.

PROJECTS & INTERNSHIPS

Puskesmas Srandol
January, 2025

Clinical Pharmacist Professional Internship

- Understanding the main duties and functions of a Pharmacist in a public health centre
- Comprehending the workflow for managing medication and medical consumables (BMHP)
- Performing the duties of a Clinical Pharmacist in a public health centre

PT. Great Mataram
February, 2025

Pharmacist Professional Internship

- Understanding the duties of a pharmacist in drug distribution facilities
- Comprehending the drug distribution workflow
- Understanding permits related to drug distribution
- Grasping the fundamentals of Good Distribution Practices (GDP) for drugs (CDOB)

Apotek Baitusy Syifa
March, 2025

Clinical Pharmacist Professional Internship

- Understanding the main duties and functions of a Pharmacist in a public health centre
- Comprehending the workflow for managing medication and medical consumables (BMHP)
- Performing the duties of a Clinical Pharmacist in a public health centre

BPOM
May, 2025

Pharmacist Professional Internship

- Understanding the duties of a pharmacist in government regulatory
- Understanding permits related to drug distribution

Mini Industri FF
UNISSULA
July, 2025

Pharmacist Professional Internship

- Understanding process validation related to drug quality from performance validation to revalidation
- Performing instrument qualification
- Ensuring quality assurance procedures in the pharmaceutical industry comply with GMP (Good Manufacturing Practices)
- Understanding the fundamentals of GMP

Soerojo Hospital
August, 2025

Clinical Pharmacist Professional Internship

- Understanding the main duties and functions of a Pharmacist in a Hospital
- Comprehending the workflow for managing medication and medical consumables (BMHP) in a Hospital
- Knowing how to reconstitute sterile drugs
- Performing the duties of a Clinical Pharmacist in a Hospital

Professional Project
Practice Unissula
Desember, 2025

Pharmacist Professional Project

- Formulating halal hair pomade products from rosemary essential oil and review the formulation with literature evidence
- Gained hands-on insight into Material Requirement Planning (MRP) and Quality Control processes
- Assisted in drafting and reviewing Standard Operating Procedures (SOPs) to align with CPKB standards

WORK, LEADERSHIP & VOLUNTEER EXPERIENCE

**Rumah Zakat /
Relawan Nusantara,
Malang**

Field Coordinator - Emergency Response | 2021 - 2023

- Led and coordinated rapid response teams during the Semeru volcanic eruption disaster
- Managed resource allocation and on-field coordination under high-pressure environments

Project Leader - Infrastructure Development | 2024

- Supervised the construction project of SDN Pajaran Library, ensuring timeline adherence and cross-sector collaboration

Event Coordinator - Indonesia Mendongeng | 2023

- Orchestrated large-scale community programs, managing logistics and volunteer mobilization

**PT. Dasa Windu
Agung**

Warehouse Manager Branch Malang | 2020-2023

- manage supply and be responsible for product distribution to dealers spread across the East Java region

SKILL

**Regulatory
Compliance**

Proficient in CPOB (GMP), CPKB (Cosmetic GMP), CDOB (GDP), and Pharmacovigilance

**Technical &
Laboratory**

Product Formulation (Essential Oils/Nanoparticles), IPC, Batch Record Documentation, and In-vitro Research

Software

Advanced Microsoft Office (Word, Excel, PowerPoint) for production data and reporting

Personal

Analytical Thinking, Strategic Planning, Crisis Management, and Team Leadership

EDUCATION

**UIN Maulana Malik
Ibrahim Malang**
2017-2024

**Bachelor of Pharmacy
(S.Farm.)**
3.07/4.00 GPA

**Universitas Islam
Sultan Agung
Semarang**
2024- Expected
Graduation: April 2026

**Professional Degree in
Apothecary (apt.)**
3.50/4.00 GPA

Nomor Seri : 0554743

No. Ijazah : 39022/UIN-S1/F.09/2024
Nilai Akreditasi Prodi : Baik Sekali
No. SK BAN-PT : 0633/LAM-PTKes/Akr/Sar/VIII/2023



Penomoran Ijazah Nasional (PIN) : 482012024001091
No. Induk Kependudukan (NIK) : 3523160206980002

KEMENTERIAN AGAMA REPUBLIK INDONESIA
**UNIVERSITAS ISLAM NEGERI
MAULANA MALIK IBRAHIM MALANG**
KEPUTUSAN PRESIDEN REPUBLIK INDONESIA NOMOR 50 TAHUN 2004
AKREDITASI INSTITUSI "Unggul" NOMOR : 1138/SK/BAN-PT/Ak.Ppi/PTN/2024
FAKULTAS KEDOKTERAN DAN ILMU KESEHATAN
PROGRAM STUDI FARMASI

Menganugerahkan kepada :

Tholut Adz-Dzahaby

lahir di Tuban, tanggal 02 Juni 1998

NIM : 17930080

I J A Z A H

gelar Sarjana Farmasi (S.Farm.)

setelah menyelesaikan Strata-1
Farmasi, tanggal 28 Juni 2024.



Rektor,

Prof. Dr. H. M. Zainuddin, MA
NIP. 19620507 199503 1 001



Malang, 28 Juni 2024
Dekan,

dr. Yuyun Yueniwati P.W., M.Kes, Sp.RadK
NIP. 19681031 199601 2 001



MINISTRY OF RELIGIOUS AFFAIRS OF THE REPUBLIC INDONESIA

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ACADEMIC TRANSCRIPT

**SALINAN
SESUAI DENGAN ASLINYA**

NAME : THOLUT ADZ-DZAHABY
PLACE, DATE OF BIRTH : TUBAN, JUNE 02, 1998
STUDENT'S NUMBER : 17930080
FACULTY : MEDICINE AND HEALTH SCIENCE

STUDY PROGRAM : PHARMACY
CERTIFICATE NUMBER : 39022/UIN-S1/F.09/2024
ACCREDITATION LETTER : Baik Seka B/0633/LAM-PTKes/Akr/Sar/VIII/2023

NO	CODE	SUBJECT	C	NG	LG	Cum C
1	1400102	INDONESIAN LANGUAGE	2	4	A	8
2	1400107	PHILOSOPHY OF SCIENCE	2	3	B	6
3	1400111	HISTORY OF ISLAMIC CIVILIZATION	2	3.5	B+	7
4	1467201	BASIC BIOLOGY	2	2.5	C+	5
5	1467202	BASIC CHEMISTRY	3	2	C	6
6	1467203	INTRODUCTION TO PHARMACY AND HEALTH	2	2	C	4
7	1467204	HUMAN PHYSIOLOGICAL ANATOMY	2	2	C	4
8	1467205	BOTANICAL PHARMACY I	1	2.5	C+	2.5
9	1467209	ORGANIC CHEMISTRY I	2	2.5	C+	5
10	1467210	BIOCHEMISTRY	2	2	C	4
11	1467211	CLINICAL PATHOLOGY	2	3	B	6
12	1467214	PHARMACOGNOSY	2	2	C	4
13	1467215	ANALYTICAL PHARMACY I	2	3.5	B+	7
14	1467216	MICROBIOLOGY AND IMMUNOLOGY	3	2	C	6
15	1467217	PHYTOCHEMISTRY	2	4	A	8
16	1467219	BASIC PHARMACOLOGY	2	3.5	B+	7
17	1467220	PHARMACEUTICAL III	2	3	B	6
18	1467222	PHARMACOLOGY AND THERAPY I	2	3.5	B+	7
19	1467223	BIOPHARMACEUTICAL	2	2	C	4
20	1467226	ANALYTICAL PHARMACY II	2	2	C	4
21	1467228	PHARMACOLOGY AND THERAPY II	2	2.5	C+	5
22	1467229	BIOTECHNOLOGICAL PHARMACY AND TISSUE CULTURE	2	3	B	6
23	1467230	PHARMACOKINETIC	2	3.5	B+	7
24	1467232	PHYTOPHARMACY	2	2.5	C+	5
25	1467233	TECHNOLOGY AND FORMULATION OF STERILE STOCK	2	3	B	6
26	1467234	PHARMACOLOGY AND THERAPY III	2	2.5	C+	5
27	1467238	PHARMACEUTICAL ENTREPRENEURSHIP AND MANAGEMENT	2	3.5	B+	7
28	1467240	PRACTICUM ON BASIC CHEMISTRY	1	3.5	B+	3.5
29	1467241	PRACTICUM ON ANALYTICAL PHARMACY	1	3	B	3
30	1467242	PRACTICUM ON HUMAN PHYSIOLOGY ANATOMY HISTOLOGY	1	2	C	2
31	1467243	PRACTICUM ON BOTANICAL PHARMACY I	1	3	B	3
32	1467244	PRACTICUM ON BOTANICAL PHARMACY II	1	3.5	B+	3.5
33	1467245	PRACTICUM ON PHYSICAL PHARMACY	1	3.5	B+	3.5
34	1467246	PRACTICUM ON BIOCHEMISTRY	1	2.5	C+	2.5
35	1467247	PRACTICUM ON PHARMACOGNOSY	1	2	C	2
36	1467249	PRACTICUM ON MICROBIOLOGY-IMMUNOLOGY	1	2	C	2
37	1467250	PRACTICUM ON PHYTOCHEMISTRY	1	2	C	2
38	1467251	PRACTICUM ON PHARMACEUTICAL	2	2.5	C+	5
39	1467254	PRACTICUM ON ANALYTICAL PHARMACY II	1	3.5	B+	3.5
40	1467255	PRACTICUM ON BIOTECHNOLOGICAL PHARMACY AND TISSUE CULTURE	1	3.5	B+	3.5
41	1467256	PRACTICUM ON PHARMACOKINETIC	1	4	A	4
42	1467258	PRACTICUM ON PHYTOPHARMACY	1	3.5	B+	3.5
43	1467259	PRACTICUM ON TECHNOLOGY AND FORMULATION OF STERILE STOCK	1	3.5	B+	3.5
44	1467260	HUMAN HISTOLOGY ANATOMY	2	2	C	4
45	1467261	PHYSICAL CHEMISTRY	2	2.5	C+	5
46	1467262	TOXICOLOGY	1	3.5	B+	3.5
47	1467263	PHARMACOECONOMICS AND PHARMACOEPIDEMOLOGY	2	2	C	4
48	1467304	SELF MEDICATION SYSTEM	2	2.5	C+	5
49	1467307	HEALTHY BEHAVIOUR	2	3.5	B+	7
50	1467309	HEALTH ASSURANCE	2	3	B	6
51	1467401	RESEARCH METHODOLOGY AND STATISTICS	3	3.5	B+	10.5
52	1467402	PHARMACEUTICAL SERVICE	1	3.5	B+	3.5
53	1467403	FINAL PROJECT SEMINAR	2	3.5	B+	7
54	1467404	PHARMACEUTICAL STOCK MANUFACTURE	1	4	A	4
55	1467406	HERBAL STOCK	1	4	A	4
56	1467502	PHARMACEUTICAL COMMUNICATION AND COUNSELING	1	3.5	B+	3.5
57	1467503	PRACTICUM ON PHARMACEUTICAL COMMUNICATION AND COUNSELING	1	4	A	4
58	1700101	PANCASILA	2	4	A	8
59	1700102	CIVICS EDUCATION	2	4	A	8
60	1700104	ENGLISH LANGUAGE I	3	3	B	9
61	1700105	ENGLISH LANGUAGE II	3	2	C	6
62	1700107	STUDY OF QURAN AND HADITH	2	3.5	B+	7
63	1700108	STUDY OF FIQH	2	4	A	8
64	1700109	THEOSOPHY	2	4	A	8
65	1700111	ARABIC LANGUAGE (LISTENING I)	1	4	A	4
66	1700112	ARABIC LANGUAGE (WRITING I)	1	4	A	4
67	1700113	ARABIC LANGUAGE (SPEAKING I)	2	4	A	8
68	1700114	ARABIC LANGUAGE (READING I)	2	4	A	8
69	1700115	ARABIC LANGUAGE (LISTENING II)	1	3	B	3
70	1700116	ARABIC LANGUAGE (WRITING II)	1	3.5	B+	3.5
71	1700117	ARABIC LANGUAGE (SPEAKING II)	2	3.5	B+	7
72	1700118	ARABIC LANGUAGE (READING II)	2	3	B	6
73	1767202	TECHNOLOGY AND FORMULATION OF SEMISOLID AND LIQUID STOCK	2	3.5	B+	7
74	1767203	PRACTICUM ON TECHNOLOGY AND FORMULATION OF SOLID STOCK	1	3	B	3
75	1893208	PHYSICAL PHARMACY	2	3	B	6
76	1893214	MEDICINAL CHEMISTRY	2	3.5	B+	7
77	1893251	CLINICAL PATHOLOGY	1	3.5	B+	3.5
78	1893252	INTERNSHIP	4	3	B	12
79	1893256	THESIS	6	3.5	B+	21
80	1893408	SELF MEDICATION	2	2.5	C+	5
81	1893424	NATURAL DRUG STANDARDIZATION	1	3.5	B+	3.5
82	1893513	ORGANIC CHEMISTRY II	2	3	B	6
83	1993309	ETNONOMEDICINE	2	4	A	8
84	22070311016		2	3	B	9

SYSTEMATIC LITERATURE REVIEW AKTIVITAS SENYAWA BIOAKTIF PADA EKSTRAK TUMBUHAN SEBAGAI ANTI QUORUM SENSING SECARA IN VITRO

Total Credit : 150

Total Cum C : 461

GPA : 3.07

Judicium : Very Good

Information :

$$GPA = \frac{\sum (Cum C)}{\sum (C)}$$

GPA : Cumulative Grade Point Average

C : Credit

Cum C : Cumulative Credit

Letter Grades (LG)	Number Grades (NG)
A	4.00
B+	3.50
B	3.00
C+	2.50
C	2.00
D	1.00
E	0.00



Malang, June 26, 2024

dr. Yuryun Yoonhwa P.W., M.Kes., Sp.RadK

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