



Rantan Dwi Amara

085779038230

| rantandwiamara@gmail.com

| <https://www.linkedin.com/in/rantan-dwi-amara-3869b0265>

I'm Rantan Dwi Amara, a recent graduate in Chemical Analysis with GPA 3,62, eager to embark on a professional career in the field of chemistry and laboratory analysis. Throughout my studies, I've developed a solid foundation in chromatography, spectrophotometry, and other analytical method.

EDUCATION

2021 - 2024 | Universitas Islam Indonesia | Analisis Kimia | GPA 3,62/4,00

Learned many things, especially related to laboratory testing, basic chemical analysis skills, K3, quality control and assurance, method verification and validation, and operating instruments Spectrophotometry Uv-Vis, AAS, GC, GC-MS, HPLC.

Complete a final assignment or research report with a title **Verification of the Method for Determining Chromium Hexavalent Using Spectrophotometry Uv - Vis on Gajah Wong River Water Samples in Yogyakarta**

ORGANIZATION

- **Division treasur of student resource development (2022-2023) | Himpunan Mahasiswa Analisis Kimia**
- **Staff of Publications,decorations and documentations (PDD) (2022-2022) | Ospek Prodi Analisis Kimia**
- **Marketing Team Member (2023) | Marketing and Communication Prodi Analisis Kimia**

WORK EXPERIENCE

- **Februari 2024 - April 2024 | Magang | Laboratorium Kesehatan Daerah Banyumas**

Becoming an analyst in an environmental chemistry and food and beverage chemistry laboratory with the responsibility of testing water, food and beverage samples with chemical parameters, heavy metal chemistry and physics every day. Operating instruments (Spectrophotometry and AAS) and tools for testing physical parameters.

- **November 2024 - April 2025 | PT Calfindo Berkah Mandiri**

As a calibration technician and technical admin whose job every day is to calibrate tools that come from other companies and process calibration data which is then used as a calibration certificate.

- **Juni 2025 - Oktober 2025 | PT Etercon Pharma**

As a Laboratory Analyst-QC, the job responsibilities include : analyze the concentration and composition of pharmaceutical samples using UV-Vis spectrophotometry or HPLC according to the procedures specified for each drug, analyze the physical characteristics of samples, including appearance, pH, viscosity, and moisture content and prepare reports on the analysis results for each sample (indicating whether the results meet specifications)

- **April - Juni 2026 | Paid Internship | PT Unilab Perdana**

As a paid intern placed in the microbiology laboratory and the water chemistry laboratory. The job responsibilities included preparing media for MPN testing in the microbiology lab and analyzing ortho-phosphate and total phosphate parameters in water samples within the water chemistry lab.

CERTIFICATION

- **UV-Vis Spectrophotometry Analysis, Badan Nasional Sertifikasi Profesi (BNSP), Nomor 71202.3111.11869592.2023**
- **Chemical Basic Examiner (Gravimetric and Volumetric), Badan Nasional Sertifikasi Profesi (BNSP), Nomor 71202.3111.11336114.2023**
- **Perumusan & Pemeliharaan SNI, Penentuan Pengendalian dan Jaminan Mutu dalam SNI Pengujian, Universitas Islam Indonesia, No. 015/STK-D3AK/FMIPA/X/2022**
- **Pengendalian dan Jaminan Mutu Kalibrasi dan Verifikasi Peralatan, Universitas Islam Indonesia, No. 81/STK-KIM/FMIPA/X/2023**

SKILL

- **Hard Skill:** Laboratory Analysis, Good Laboratory Practice (GLP), Analytical Chemistry, Analytical Method Validation, Quality Control, Quality Assurance Analysis, Chemical Testing
- **Soft Skill:** Communication, Adaptive, Thorough, Teamwork, Leadership, and Analysis.
- **Software Skill:** Microsoft Office (Word, Excel, PowerPoint), Canva, CapCut



UNIVERSITAS ISLAM INDONESIA

IJAZAH

Dengan rahmat Allah Swt. Universitas Islam Indonesia menyatakan bahwa,

RANTAN DWI AMARA

NPM: 21231020 NIK: 3303084110020002

Jahir di Purbalingga, 01 Oktober 2002

telah dinyatakan lulus pada tanggal 22 Agustus 2024 dan memenuhi persyaratan pendidikan diploma tiga pada

PROGRAM STUDI ANALISIS KIMIA, FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

Terakreditasi Unggul oleh LAMSAAMA No. SK: 006/SK/LAMSAAMA/K-Akred/DIII/V/2023

Terakreditasi Internasional oleh Accreditation in Engineering, Computer Sciences, Natural Sciences, and Mathematics (ASIIN)

Kepadaanya diberi gelar

AHLI MADYA (A.Md.Si.)

beserta segala hak dan kewajiban yang melekat pada gelar tersebut

Dekan,

Prof. Rilyanto, S.Pd., M.Si., Ph.D.



Yogyakarta, 28 September 2024

Rektor,

Prof. Fathul Wahid, S.T., M.Sc., Ph.D.



UNIVERSITAS ISLAM INDONESIA

TRANSKRIP AKADEMIK

Academic Transcript

051001244022024100006

Nama Mahasiswa : RANTAN DWI AMARA
Name of Student
Tempat/Tanggal Lahir : Purbalingga/01 Oktober 2002
Place and Date of Birth : Purbalingga/October 01, 2002
Nomor Pokok Mahasiswa : 21231020
Student Number
Fakultas/Program Studi : MATEMATIKA DAN ILMU PENGETAHUAN ALAM/Analisis Kimia
Faculty/Study Program : MATHEMATICS AND NATURAL SCIENCES/Chemical Analysis
Program : Diploma Tiga
Program
Tanggal Masuk : 01 September 2021
Date of Entry : September 01, 2021
Tanggal Kelulusan : 22 Agustus 2024
Date of Completion : August 22, 2024

Prestasi Akademik Academic Result

Jumlah Matakuliah : 50
Number of Courses
Jumlah sks : 112
Number of Credits
Indeks Prestasi : 3.62
Grade Point Average
Predikat : Dengan Pujian
Predicate : Cum Laude

Keterangan Nilai Explanation of Grade System

Nilai Huruf	Bobot Nilai	Nilai Huruf	Bobot Nilai
Alphabetical Grade	Numeric Value	Alphabetical Grade	Numeric Value
A	4	C+	2,25
A-	3,75	C	2
A/B	3,5	C-	1,75
B+	3,25	C/D	1,5
B	3	D+	1,25
B-	2,75	D	1
B/C	2,5		

Keterangan ini dibuat dengan akurat dan benar, diterbitkan di Yogyakarta, Tanggal
This is certified to be as true accurate statement, and issued in Yogyakarta on:

28 September 2024
September 28, 2024

Dekan/Dean,

Rektor/Rector,

Prof. Riyanto, S.Pd., M.Si., Ph.D.



Fathul Wahid, S.T., M.Sc., Ph.D.

Nama Mahasiswa
Name of Student

: RANTAN DWI AMARA

Nomor Pokok Mahasiswa
Student Number

: 21231020

Daftar Nilai

List of Grades

No.	Nama Mata Kuliah	Subject	sks Credits	Nilai Grade	Bobot Weight
1	Bahasa Inggris Bidang Ilmu	English for Discipline	2	A-	7.5
2	Bahasa Indonesia untuk Komunikasi Ilmiah	Bahasa Indonesia for Academic Communication	1	A-	3.75
3	Kesehatan dan Keselamatan Kerja	Health and Safety	2	A	8
4	Standardisasi	Standardization	2	A/B	7
5	Praktikum Teknik Laboratorium	Laboratory Technique Lab Work	2	A	8
6	Kimia Dasar	General Chemistry	3	A-	11.25
7	Keterampilan untuk Sukses	Success Skill	2	A	8
8	Praktikum Kimia Industri	Industrial Chemical Lab Work	2	A	8
9	Kimia Analisis	Analytical Chemistry	3	B	9
10	Praktikum Kimia Analisis	Analytical Chemistry Lab Work	4	B+	13
11	Kimia Organik	Organic Chemistry	2	A/B	7
12	Praktikum Kimia Organik	Organic Chemistry Lab Work	2	A-	7.5
13	Kimia Anorganik	Inorganic Chemistry	2	B	6
14	Praktikum Kimia Anorganik	Inorganic Chemistry Lab Work	2	A	8
15	Statistika Kimia	Statistic for Chemistry	2	A	8
16	Kimia Fisika	Physical Chemistry	2	A-	7.5
17	Praktikum Analisis Fisikokimia	Physicochemical Analysis Lab Work	2	A/B	7
18	Biokimia	Biochemistry	2	B-	5.5
19	Spektrometri	Spectrometry	2	A-	7.5
20	Praktikum Spektrometri	Spectrometry Lab Work	4	A	16
21	Analisis Elektrokimia	Electrochemical Analysis	2	A/B	7
22	Kimia Pemisahan	Chemical Separation	2	B+	6.5
23	Praktikum Teknik Sampling	Sampling Technique Lab Work	2	A	8
24	Analisis Produk Kayu, Kertas dan Tekstil	Wood, Paper and Textile Products Analysis	2	B-	5.5
25	Teknik Pengolahan Limbah	Technique of Waste Treatment	2	A	8
26	Kromatografi	Chromatography	2	A/B	7
27	Praktikum Kromatografi	Chromatography Lab Work	4	A	16
28	Analisis Mikrobiologi	Microbiology Analysis	2	B+	6.5
29	Kimia Lingkungan	Environmental Chemistry	2	A/B	7
30	Manajemen Laboratorium	Laboratory Management	2	A/B	7
31	Etika Komunikasi Profesi	Ethics and Professional Communication	2	A-	7.5
32	Praktikum Analisis Pangan dan Hasil Pertanian	Food and Agricultural Products Analysis Lab Work	2	A	8
33	Praktikum Kalibrasi Alat	Calibration of Instrument Lab Work	2	A	8
34	Analisis obat dan Kosmetika	Drug and Cosmetics Analysis	2	B	6
35	AMDAL	Environmental Impact Assessment	2	C+	4.5
36	Kimia Forensik	Forensic Chemistry	2	A	8
37	Kewirausahaan Syariah	Sharia Entrepreneurship	2	A/B	7
38	Elektronika Instrumentasi dan Sensor Kimia	Electronic Instrumentation and Chemical Sensor	2	B/C	5
39	Teknik Validasi Metode	Validation Method Technique	2	A/B	7
40	Pengendalian dan Jaminan Mutu	Quality Control and Assurance	2	B/C	5

Pengesahan lembar ini :
Certification for this page



Stempel
Seal

Nama Mahasiswa
Name of Student

: RANTAN DWI AMARA

Nomor Pokok Mahasiswa
Student Number

: 21231020

Daftar Nilai

List of Grades

No.	Nama Matakuliah	Subject	sks Credits	Nilai Grade	Bobot Weight
41	Praktikum Analisis Air, Tanah dan Udara	Water, Soil and Air Analysis Lab Work	2	A	8
42	Praktikum Analisis Obat dan Kosmetika	Food and Drug Analysis Lab Work	2	A	8
43	Praktik Kerja Lapangan	Profession Training	2	A	8
44	Analisis Pangan dan Hasil Pertanian	Food and Agricultural Products Analysis	2	A	8
45	Analisis Narkotika dan Psikotropika	Narcotics and Psychotropic Analysis	2	B+	6.5
46	Tugas Akhir	Final Project	6	A	24
47	Pendidikan Agama Islam (MBKM)	Islamic Education	2	A-	7.5
48	Pancasila (MBKM)	State Philosophy	2	A	8
49	Islam Ulil Albab (MBKM)	Islam for Scholar	3	A	12
50	Kewarganegaraan (MBKM)	Civic Education	2	A-	7.5

Judul Tugas Akhir :

VERIFIKASI METODE PENENTUAN KROM HEKSAVALEN MENGGUNAKAN SPEKTROFOTOMETRI UV VIS PADA SAMPEL AIR SUNGAI GAJAH WONG DI YOGYAKARTA

Title of Thesis :

VERIFICATION OF THE METHOD FOR DETERMINING HEXAVALENT CHROMIUM USING UV VIS SPECTROPHOTOMETRY ON GAJAH WONG RIVER WATER SAMPLES IN YOGYAKARTA

Keterangan/Note

Index Prestasi/Grade Point Average	Predikat	Predicate
4	Summa Cum Laude*	Summa Cum Laude*
3.51 - 3.99	Dengan Pujian*	Cum Laude*
3.01 - 3.50	Sangat Memuaskan	With Distinction
2.76 - 3.00	Memuaskan	Very Satisfactory
2.25 - 2.75	Cukup	Satisfactory

*Memenuhi jika sesuai dalam batas masa studi yang distandarkan.

Pengesahan lembar ini :
Certification for this page



Stempel
Seal

11336114



BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL
CERTIFICATION AUTHORITY



SERTIFIKAT KOMPETENSI CERTIFICATE OF COMPETENCE

No. 71202.3111.11336114.2023

Dengan ini menyatakan bahwa,
This is to certify that,

Rantan Dwi Amara

No.Reg.LAB.297.00065.2023

Telah kompeten pada bidang :
is competent in the field of:

Tenaga Pengujian Dasar Kimia (Gravimetri dan Volumetri)
Chemical Basic Examiner (Gravimetric and Volumetric)

Sertifikat ini berlaku untuk 3 (tiga) tahun
This Certificate is valid for 3 (three) years

Yogyakarta, 30 Juni 2023

Atas nama Badan Nasional Sertifikasi Profesi
On behalf of the National Professional Certification National Agency

Lembaga Sertifikasi Profesi Universitas Islam Indonesia
Professional Certification Institute of Universitas Islam Indonesia



Dr. Dwi Handayani, S.T., M.Sc.

Direktur
Director





BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL
CERTIFICATION AUTHORITY



SERTIFIKAT KOMPETENSI CERTIFICATE OF COMPETENCE

No. 71202.3111.11869592.2023

Dengan ini menyatakan bahwa,
This is to certify that,

Rantan Dwi Amara

No.Reg.LAB.297.00151.2023

Telah kompeten pada bidang :
is competent in the field of:

Analisis Spektrofotometri UV-Vis
UV-Vis Spectrophotometry Analysis

Sertifikat ini berlaku untuk 3 (tiga) tahun
This Certificate is valid for 3 (three) years

Yogyakarta, 27 November 2023

Atas nama Badan Nasional Sertifikasi Profesi
On behalf of the National Professional Certification National Agency

Lembaga Sertifikasi Profesi Universitas Islam Indonesia
Professional Certification Institute of Universitas Islam Indonesia



Dr. Dwi Amara, S.T., M.Sc.

Ditandatangani
Direktori





PROGRAM STUDI DIII ANALISIS KIMIA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
UNIVERSITAS ISLAM INDONESIA

SERTIFIKAT

Yang bertanda tangan dibawah ini Ketua Program Studi DIII Analisis Kimia FMIPA
Universitas Islam Indonesia, menerangkan bahwa :

Rantan Dwi Amara - 21231020

Telah mengikuti dan menyelesaikan Kegiatan Praktek Kerja Lapangan (PKL) pada
Perusahaan/Industri/Instansi :

**UPTD Laboratorium Kesehatan Daerah
Kabupaten Banyumas**

Waktu Pelaksanaan : 1 Februari 2024 - 30 April 2024

Bidang/Materi : ANALISIS KIMIA

Yogyakarta,
Ketua Program Studi DIII Analisis Kimia
Fakultas MIPA UII

Kuntari, S.Si., M.Sc.
NIK. 162310401

Nilai PKL tercantum dihalaman belakang



NILAI PRAKTIK KERJA LAPANGAN

No.	Kriteria Penilaian	Skor
1	Disiplin meliputi:	
	a. Tepat waktu	88
	b. Jumlah kehadiran	85
	c. Pakaian	85
2	Etika dan ketrampilan berkomunikasi	83
3	Kesungguhan&tanggung jawab meliputi:	
	a. <i>Safety lab</i>	85
	b. Kreativitas/inovasi	83
	c. Ketrampilan	83
4	<i>Log sheet</i>	88
5	Analisis data dan penarikan kesimpulan	85
Total		765
Rata-rata		85

Catatan Rekomendasi :

Tingkatkan kreativitas dan inovasi, serta komunikasi dengan pembimbing.

85.00 - 100,0 : Sangat Baik

70.00 - 84.99 : Baik

60.00 - 69.99 : Cukup

50.00 - 59.99 : Kurang

<50.00 : Buruk

Banyumas, 30 April 2024

Mengetahui,

Pembimbing Perusahaan/Industri/Instansi*



DEARYONO, S.Si

*stempel perusahaan



PT. UNILAB PERDANA

Laboratorium Lingkungan Hidup dan Kalibrasi
No. Reg : 0001/LPJ/LABLING-1/LRK/KLH



Head Office : GEDUNG UNILAB Jl. Ciledug Raya No. 10, Cipulir, Kebayoran Lama, Jakarta 12230 Telp (021) 7253322 (hunting) Fax : (021) 7253323 e-mail : unilabperdana@centrin.net.id
Kantor Cabang : Komplek Ruko Section One Blok B-3, Jl. Raya Rungkut Industri No.1 SIER Kendangsari, Tenggilis Mejoyo, Surabaya Jawa Timur 60292 Telp. 031-8415839 e-mail : marketing.sby@unilabperdana.com

KETERANGAN MAGANG

No. 199-K/SDM/UP/VI/2026

Dengan ini menerangkan bahwa :

Nama : Rantan Dwi Amara
Tempat/Tanggal Lahir : Purbalingga, 01 Oktober 2002
Alamat : Selangang RT/RW 002/002, Kel. Selangang, Kec.
Mrebet, Purbalingga, Jawa Tengah
Perguruan Tinggi : Universitas Islam Indonesia
Program Studi : Analisis Kimia

Personil tersebut telah melaksanakan kegiatan Magang di PT Unilab Perdana pada Departemen Laboratorium. Program magang dilaksanakan mulai tanggal **01 April 2026** sampai dengan **30 Juni 2026**.

Demikian surat keterangan ini dibuat dengan sebenarnya agar dapat digunakan sebagaimana mestinya.

Jakarta, 30 Juni 2026

PT. UNILAB PERDANA



A. Fajar Nugraha, S.T., M.T.
Manajer SDM



PT. UNILAB PERDANA
LABORATORIUM LINGKUNGAN HIDUP & KALIBRASI

SERTIFIKAT MAGANG

Sertifikat ini dengan bangga diberikan kepada:

Rantan Dwi Amara

**Telah menyelesaikan Magang selama 3
bulan dari tanggal
01 April 2026 - 30 Juni 2026**

Manajer SDM

