

Ahmed Ibrahim Khedr

Chemistry Professional

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Professional Summary

Dedicated chemist with practical experience working in industrial and manufacturing environments. Skilled in various production processes and quality control practices across different industries, including sanitary ware and textiles. Proficient in using multiple laboratory instruments and techniques to ensure product quality and compliance with safety standards. Experience includes managing production workflows, performing quality checks, and collaborating with teams to maintain high standards in chemical processes and product development.

Professional Experience

Production Chemist – Mold Section

Ideal Standard International

July 2025 – Present

- Sanitary Ware Department - Specialized in gypsum mold production
- Responsible for producing high-quality gypsum molds for Chinese sanitary products
- Ensured execution of the production plan and maintained quality standards
- Managed machinery operations and coordinated workforce activities
- Performed weekly quality control checks on gypsum materials and finished products
- Maintained production efficiency and quality compliance

QC Chemist

Ideal Standard International

May 2025 – July 2025 (2 months)

- Conducted comprehensive testing of raw materials for sanitary products
- Performed production line quality control to ensure product standards
- Operated and maintained various lab instruments: Malvern Sizer, X-ray Analyzer, Brookfield Viscometer, Gallen Kamp, Spectrophotometer
- Documented test results and maintained quality control records
- Collaborated with production teams to address quality issues

Lab Chemist

Abo El Ela For Textile and Dyeing

2023 – 2024

- Conducted quality control testing for textile dyeing processes
- Worked with various fabric types including cotton, polyester, and blended materials
- Performed color fastness tests and quality assessments
- Operated laboratory equipment for textile analysis
- Maintained laboratory safety protocols and equipment calibration
- Documented test procedures and results for quality assurance

Education

B.Sc. in Special Chemistry

Ain Shams University

2022 • Grade: Good

Internships

Egyptian Chemistry Authority

Aug - Sep 2021

Hands-on lab rotation across multiple industries

Egyptian Petroleum Institute

Aug - Sep 2020

Online training in petroleum analysis and separation techniques

Graduation Projects

Use of polymers in medicine

Research on pharmaceutical applications of polymer chemistry

Using a phone camera as a chemical analysis tool

Innovative approach to chemical analysis using smartphone technology

Skills & Expertise

Technical Skills

Analytical Chemistry
Organic Chemistry
Industry Chemistry
Lab Techniques
Microsoft Office

Soft Skills

95%	Communication	90%
90%	Problem-solving	88%
85%	Critical Thinking	85%
92%	Attention to Detail	95%
88%	Creative Thinking	88%

Languages

Arabic	Fluent
English	Intermediate (B1)