

Abdullah Ibrahim Hemida

Analytical Chemist

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Summary:

Analytical chemist specializing in food, feed, and water testing using advanced instrumentation (HPLC, IR, UPLC-MS, spectrophotometry, polarimetry, Kjeldahl distiller). Expert in ISO 17025 compliance and lab workflow optimization. Skilled in microbial analysis and food safety protocols, with a proven ability to deliver accurate results in regulated environments.

Key Achievements:

- Boosted productivity by designing a task distribution system.
 - Created a standardized file for water quality tests using official methods.
 - Led new test implementations for ISO 17025 accreditation.
 - Operated 20+ lab devices, including HPLC, GC, MS and IR.
 - Earned top performance ratings from managers and experts.
 - Conducted 40+ lab tests with high accuracy.
 - Achieved 100% accuracy in Proficiency Testing (PT).
 - Trained 10+ chemists, improving their skills.
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Professional Experience:

Senior Chemist | Quality Control

R&D Center at National Service Projects Organization (NSPO) | 11/2017 – Present

- Conduct chemical analysis of Feed& Food (CP, EE, Ash, Ca, P, AV, POV, Cl⁻, etc.).
- Perform water quality tests (TDS, TSS, pH, NH₃, NO₂, TH, Alkalinity, SO₄, PO₄, etc.).
- Microbial analysis (Salmonella, TPC, Coliforms, staph, etc.) for food safety.
- Calibrate **IR, spectrophotometers, Protein distiller, HACH/SL1000, etc.**
- Train staff on lab protocols, equipment usage, and safety standards.

Chemist | Quality Control

Al-Safwa Company for extraction of Vegetable Oils (8/2016 –10/ 2017)

- Performing physical and chemical analyses on soybeans, soy meal, and oils throughout the extraction process.

Chemist | Quality Control

Aqua International for food Industries (11/2015 – 7/2016)

- Performing physical and chemical tests on feed and its raw ingredients, and also conducting tests during production.
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Education:

Bachelor of Special Chemistry from Alzhar University (2011-2015)

- **Grade:** Very Good with Honors
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Certifications & Training:

- **Feed & Food Chemical Analysis**

Evergreen Chinese Company | Nov 2017- Oct 2018

- Covered: Proximate analysis (protein, fat, ash) and hazardous material detection.

- **Water Quality & Microbial Analysis**

National Institute of Oceanography and Fisheries (NIOF) | Sep–Nov 2018

- Covered: chemical & microbial analysis of water

- **ISO 17025 Compliance**

Agricultural Research Center | Jul–Sep 2018

- Implemented: Lab protocols, documentation, and QA/QC procedures for compliance.

- **ISO 9001, 14001, 45001 (Integrated Management Systems)**

Blue Bird Company | May 2023

- Focus: Quality control and occupational safety standards.
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Technical Skills:

- Proficient in calibrating and adjusting various laboratory instruments.
 - I have the ability to add any new test to the lab test list.
 - I have experience in web application and AI tools.
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Languages:

- Arabic (Native)
- English (Very good)