

# **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.

### **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<sup>-</sup>, 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)