



Great Tasting Food & Beverages Begin  
With Great Tasting Water

**Specialized Labs for Water & Environment**

[www.ww-techjo.com](http://www.ww-techjo.com)

Specialized Laboratories for Water and Environment was initially established in 2016 to cater to the growing needs of the local market and industry. Our scope has developed now to include the following main services:

**I. Infection control & Microbiology Department**

The aim of the Infection Control & Microbiology Department is, so far as is reasonably possible, to reduce the risks of infections and its complications. We achieve this by adopting best-practice protocols agreed at a local level and international monitoring performance.

Specialized Labs can provide comprehensive, expert services in three major areas:

**A- Microbiological Laboratory Services:**

The Labs provide professional samples collection service and a wide range of microbiological tests that cover the needs of food & dairy industries, water & wastewater systems, medico-clinical settings and public hygiene.

**B- Disinfection services:**

One of the major tasks of the Labs is to provide on-site disinfection services to a level that is considered to be safe for a particular environment. We usually take swabs for culture and total bacterial count (TBC) before and after disinfection to insure that the disinfection process has met our high infection control standards. In this section, our services has expanded to include Hospitals (especially air fumigation in OR`s), clinics, schools, restaurants, dairy & food industry, water bottling plants... etc.

**C- Infection Control Consultation Services.**

**II. Water Systems Analytical Operation & Quality Management**

The labs are well equipped to provide drinking water & wastewater chemical, physical & microbiological analysis and proper professional consultations which are in compliance with all state and federal regulations. **Current Analytical Services:**

CHEMICAL	PHYSICAL	MAJOR IONS	METALS	MICROBIOLOGICAL
ALKALINITY	CONDUCTIVITY	CALCIUM	IRON	TOTAL COLIFORMS(INCLUDING E.COLI)
FLUORIDE	PH	POTASSIUM	COPPER	PSEUDOMONAS - AERUGINOSA

BROMIDE	TOTAL DISSOLVED SOLIDS	CHLORIDE	ZINC	LEGIONELLA
CHLORINE -COMBINED	TURBIDITY	SODIUM	LEAD	TOTAL BACTERIA COUNT
CHLORINE-FREE		MAGNE SIUM	ANY OTHER HEAVY METALS	YEASTS & MOULDS
NITRATE		SULPHATE		Salmonella
NITRITE		SULPHITE		Staphylococcus
HARDNESS				Bacillus Cereus
BOD & COD				AND ANY OTHE
				BACTERIOLOGICAL STUDY OR
				TESTS
FOG				
TSS				
And all other water chemistry				Any other bacteriology

**In this field our services also include:** ○ Water

quality & plant process evaluation ○ Modeling

treatment options. ○ Labs and methods setup. ○

Quality assurance program for analytical tests.

○ Other water quality problems.

#### **Laboratory Role:**

Water samples types analyzed and purpose of analysis:

- 1- Source water samples are analyzed to check for contamination and determine general water quality characteristics that influence the treatment process.
- 2- Process water samples are analyzed to provide key information relevant to treatment optimization.
- 3- Finished water samples are analyzed to verify the water meets health-based and aesthetic standards and periodically check for contaminations that are not regulated in drinking water.

**Analytical Methods:**

**Our analytical methods generally describe:**

\*How to collect, preserve and store samples.

\*Procedures to concentrate, separate, identify, and quantify contaminants present in the sample. \*Quality control criteria the analytical data must be meet.

\*How to report the results of analysis

Our chemical instruments and test kits are from HACH company (U.S.A)and they have been selected because they have a complete, easy to follow methods and high- quality accurate prepared reagents As we always believe in continuous development and improvement, Specialized Labs are in the process to expand its range of services in the soon future to include the following:

- ✦ Sales Department for disinfection & cleaning safe, environmental and high quality products.
- ✦ Indoor air quality improvement and disinfection services.
- ✦ On-site emergency disinfection services.
- ✦ Fertilizers and pesticides laboratory analysis and best practice consultation.

**Specialized Labs** is the Jordanian Distributer of ATOMES Water, Wastewater and Healthcare divisions. ATOMES , the Canadian global manufacturer of chemicals & biotechnology products, in which it's philosophy is to create a unique, top quality, environment friendly, non-flammable, non-toxic, non-carcinogenic and safe-to-handle chemicals.

**Specialized Labs** is also the distributor of the Austrian GRANDER water revitalization technology which has a wide area of applications in the field of environmental water engineering.

Hereby, for your Kind concern, a description of some cases and projects executed by our company over the last period concerning GRANDER Applications:

- Methieb Haddad's and sons Co. -Danish Diary (Baladuna).
- Hammoudah Diary.
- National press (Al Ghad Newspaper).
- Al Sanabel café.
- Al Sufara Bakery.
- Al-Nobala'a For Water Bottling
- Al-Junaidi Dairy Company -
- Many Other Households..

#### **Specialized Labs Main Clients:**

**Application:** - Chemical & Microbiological testing, cleaning & disinfection and consultation services:

- 1) The Coca Cola Bottling Company of Jordan-CCBCJ. 2) Haritna Diary.
- 3) Robina Diary
- 4) Bloodan Diary
- 5) Asia For Food Production Co.
- 6) Hejazi Diary
- 7) Al-Marwa Mineral Water.
- 8) Savana Bottled Water.
- 9) Tech. Development & Environmental Protection
- 10) B M Cola
- 11) Wattaneya for food industries 12) Abu- Jubara Restaurants. 13) Hikma Pharma
- 14) Al-Junaidi Dairy.
- 15) Almadina Dairy.
- 16) The Farm Dairy.
- 17) Teebah Dairy
- 18) German-Jordan University
- 19) Abdul hameed Dairy 20) Kaseeh For Food industries.
- 21) Almethaliyah for Cheese Industries
- 22) Professionals For Chocolate Industries.
- 23) Mawsem For Genaral Trading
- 24) Vivid for Filtration 25) Rum For Calibration.
- 26) Rawan Cake.
- 27) Sanyoura For Food Industies
- 28) Nibras For Water Industries
- 29) Redwan School
- 30) Nabeel For Food Industries(soon)
- 31) ZAD(soon)
- 32) Sheikh Alkar
- 33) Enebtawee Sweets
- 34) Nijma Sweets
- 35) Nafeesa Sweets
- 36) Fareeda Cheese company
- 37) Al-Petra Universety
- 38) MEU Unversity
- 39) Royal Automobile Club Of Jordan



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