

Water quality analysis and Standard monitoring at Alexandria University.

Alexandria University is keen to monitor the water quality in the campus according to international standards. The water lab in Alexandria University has obtained the following:

Guideline standard

Standard Methods for the Examination of Water and wastewater 22 edition (APHA).



Water quality analysis and monitoring at Alexandria University
Accreditation Certificate of Central Laboratory – Faculty of Science (Alexandria University)

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025

Issued to
ICP-OES Laboratory
Institute of Graduate Studies and Research Alexandria University
(163) Horryia Avenue Shatby
Alexandria Governorate - Egypt

Schedule No.: 0222210B 1st Accreditation date: July 29, 2022 Issue No. (1): July 29, 2022 Revision No. (-): Valid to: July 28, 2026

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements		Standard Specifications / Techniques Used	
Water	Element	LOQ (ppb)	EPA method 200.7:2001 EPA method 6010 C:2007	Inductivity Coupled Plasma Optical Emission Spectrometer (ICP-OES) Model 5100 ICP-OES VDV S.N AU16020119
	Al	26.6		
	As	73.4		
	Ag	4.00		
	Ba	4.32		
	Co	7.13		
	Cr	4.40		
	Cu	6.94		
	Fe	24.0		
	Mo	19.0		
	Ni	22.5		
	Pb	28.2		
	Zn	104		
	Sb	42.9		
	Se	101		
	Sr	7.93		
	K	25.9		
	Na	66.6		
	Cd	4.00		
	Mn	2.97		
	Mg	18.9		

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1/4W14TCL
1 / Dec 2018

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Industrial Investment Map: <http://invest.gov.eg> في مصر: الصفحة الرسمية خريطة الاستثمار الصناعي

كورنيش المادي - برج رياض المادي ١ - القاهرة - مصر
تليفون: (٢٠٢) ٢٥٢٧٥٢٢٠/٥/٦/٧
فاكس: (٢٠٢) ٢٥٢٧٥٢٢٤

Scope of Accreditation of Institute of Graduate Studies and Research (Alexandria University)

- Accreditation Certificate of Central Laboratory – Faculty of Science (Alexandria University).
- Scope of accreditation of Central Laboratory – Faculty of Science (Alexandria University).

Link: <https://egac.gov.eg/en/entity-details/?tc=zDpjg4iYvXxjCBxe9Mex3BDnqYZUXluCsMUxJeFd>

- Scope of Accreditation of Institute of Graduate Studies and Research (Alexandria University)

Wastewater Treatment

Alexandria University has a system to prevent polluted water to enter the water system through Water quality analysis and monitoring.

The recycled irrigated water supplied to the fish farm at the Agriculture Experimental Research Station of the Faculty of Agriculture, is analyzed before using it to irrigate the crops, vegetables, and fruits of the land farm. In addition, the recycled water is used for crops culturing in the adjacent agriculture research center in Abis.

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Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements		Standard Specifications / Techniques Used	
Soil	Element	LOQ (ppb)	EPA method 200.7:2001 EPA Method 3051 A:2007 EPA Method 6010 C:2007	Inductivity Coupled Plasma Optical Emission Spectrometer (ICP- OES) Model 5100 ICP-OES VDV S.N AU16020119
	Ag	43.2		
	As	52.8		
	Ba	11.1		
	Cd	12.3		
	Co	8.78		
	Cr	42.8		
	Cu	12.7		
	Mg	48.5		
	Mn	12.6		
	Mo	18.5		
	Ni	46.5		
	Pb	29.1		
	Zn	30.5		
	Se	21.8		
	Sr	2.31		
	Sb	46.5		
	Ti	15.6		
	Na	228		
	Fe	202		

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Industrial Investment Map: <http://investegypt.com> في مصر: الصفحة الرسمية لخريطة الاستثمار الصناعي

Scope of Accreditation of Institute of Graduate Studies and Research (Alexandria University)

- Researchers at Alexandria University are working on studies aimed at protecting and preserving the marine environment located close to the university's campus. Their research likely involves efforts to prevent pollution, protect marine biodiversity, and maintain the health of the coastal ecosystem. The focus is on ensuring that the nearby marine environment remains sustainable and unharmed by human activities or other environmental threats.

Home > SN Applied Sciences > Article

Water quality indices as tools for assessment of the Eastern Harbor's water status (Alexandria, Egypt)

Research Article
Volume 5, article

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