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)

Ministry of Trade and Industry Egyptian Accreditation Council EGAC

Schedule No.:0222210B 1st Accreditation date: July 29, 2022



وزارة التجارة والصناعة المجلس الوطني للإعتماد إيجاك

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

ICP-OES Labaratory

Institute of Graduate Studies and Research Alexandria Univeristy
(163) Horryia Avenue Shatby
Alexandria Governerate – Egypt
tation date: July 29, 2022 Issue No. (1): July 29, 2022 Revision No. (-):

Valid to: July 28, 2026

Materials / Products Tested Water	Types of Tests / PropertiesMeasured / Range of Measurements		Standard Specifications / Techniques Used		
	Element	LOQ (ppb)	EPA method 200,7:2001	Inductivity Coupled Plasma	
	Al	26.6	EPA method 6010 C:2007	Optical Emission Spectrometer (ICP-	
	As	73.4		OES)	
	Ag	4.00		Model 5100 ICP-OES VDV	
	Ba	4.32		S.N AU16020119	
	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			
	Me	18.9			

Kornish El-Maadi, Riad El-Maadi Tower 1 - Cairo - Egypt Tel.: (202) 25275220/5/6/7

Fax: (202) 25275224

1 / Dec 2018

كورتيش المعادى – برج رياض المعادى١ - القاهرة – مصر تليفون : ١٠/٦/٥/٠٢ (٢٠٢)

فاكم : ١ ٢٥٢٥٧٢٥٢ (٢٠٦)

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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).

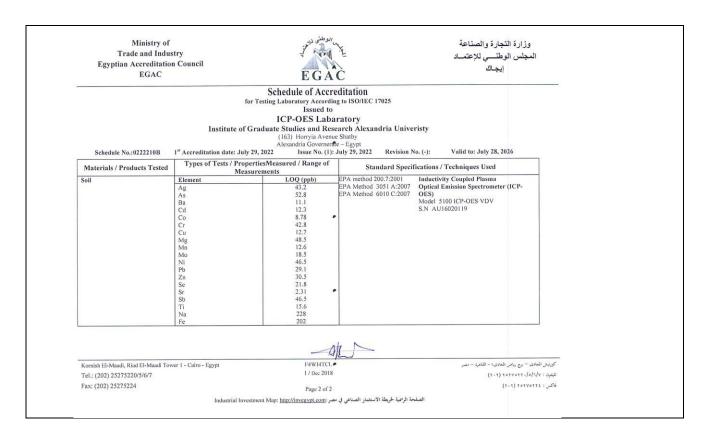
Link: https://egac.gov.eg/en/entity-details/?tc=zDpjq4iYvXxjCBxe9Mex3BDnqYZUXIuCsMUxJeFd

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 recycledwater is used for crops culturing in the adjacent agriculture research center in Abis.



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.

