

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025
Issued to
ICP-OES Laboratory
Institute of Graduate Studies and Research Alexandria Univeristy
163-Horryia Avenue Shatby alexandria Egypt

Schedule No.: 217003B

Issue No. 1: March 23, 2018

1st Accreditation date: March 23, 2018

Revision No. ():-

Valid to : October 31, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements (mg/L)		Standard Specifications / Techniques Used	
	Element	LOQ (ppb)		
Water	Determination of Metals by Inductively Coupled Plasma		EPA method 2007	Inductivity Coupled Plasma Optical Emission Spectrometer (ICP- OES) Model 5100 ICP-OES VDV S.N AU16020119
	Al	4.78	EPA Method 6010 C	
	As	27.3		
	Ag	5.29		
	Ba	0.47		
	Co	2.98		
	Cr	2.31		
	Cu	1.35		
	Fe	10.6		
	Mo	4.57		
	Ni	4.72		
	Pb	3.46		
	Zn	2.82		
	Sb	12.9		
	Se	32.5		
Sr	0.71			

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025
Issued to
ICP-OES Laboratory
Institute of Graduate Studies and Research Alexandria Univeristy
163-Horryia Avenue Shatby alexandria Egypt

Schedule No.: 217003B

Issue No. 1: March 23, 2018

1st Accreditation date: March 23, 2018

Revision No. ():-

Valid to : October 31, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements (mg/L)	Standard Specifications / Techniques Used
Soil	Determination of Metals by Inductively Coupled Plasma	
	Element	LOQ (ppb)
	Ag	43.2
	As	23.5
	Ba	11.1
	Cd	12.3
	Co	8.78
	Cr	7.83
	Cu	12.7
	Mg	48.5
	Mn	12.6
	Mo	10.0
	Ni	13.5
	Pb	23.0
	Zn	12.0
	Se	21.8
Sr	17.8	
Sb	24.1	
Ti	15.6	
		EPA Mthod 3051 A EPA Mthod 6010 C
		Inductivity Coupled Plasma Optical Emission Spectrometer (ICP- OES) Model 5100 ICP-OES VDV S.N AU16020119