



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ACAL, ANALYTICAL CHEMISTRY UNIT  
Department of Chemistry Annex (B)  
Faculty of Science, Assiut University  
Assiut, EGYPT  
Dr. Nagwa Abo El-Maali Office Phone: +20882080799  
Cell Phone: +201065000175

CHEMICAL

Valid To: May 31, 2021

Certificate Number: 3191.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Blood, Reagent Water, Tap Water, Drinking Water, Raw Water, and Waste Water:

<u>Test/Technology</u>	<u>Test Method</u>	<u>Matrix(ces)</u>
Conductivity	Modified ASTM D1125-14	Water
Determination of Dissolved Inorganic Anions in Aqueous Matrices by Capillary Electrophoresis Bromide Chloride Fluoride Nitrate Nitrite Phosphate Sulfate	Modified ASTM D6508-15	Drinking Water, Raw Water, and Waste Water
Determination of Poly Aromatic Hydrocarbon in Water by Micro Extraction and GC/MS Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Pyrene	Modified EPA 8270E-18	Water

Determination of Trace Elements by Atomic Absorption Aluminum Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese Nickel Potassium Sodium Zinc	Modified EPA Method 200.9	Water, Soil, and Blood
Hexavalent Chromium in Water by UV/Vis Spectrometry	Modified ASTM D1687- 17 (A)	Reagent Water, Tap Water, Waste Water, and Cement
Organohalide Pesticides and Polychlorinated Biphenyls by GC/MS Aldrin Chlorpyrifos Diazinon Dieldrin Disulfoton Endrin Endosulfan Ethion Heptachlor Heptachlor Epoxide Hexachlorobenzene Lindane Malathion Methoxychlor p,p'-DDE Parathion-Ethyl Parathion-Methyl	Modified ASTM D5175-17	Reagent Water, Tap Water, and Waste Water
pH	Modified ASTM D1293- 12	Water

