

**Schedule of Accreditation**  
issued to  
**Central Laboratory For Drinking Water**  
**Dakahliya Company For Water And Waste Water**  
MeetBadrKhamis Water Plant - El Mansoura City  
Dakahliya - Egypt

Schedule No.: 211011B 1<sup>st</sup> Accreditation Date : February 8, 2013 Issue No. (2): July 29, 2017 Revision No. (1) Valid to : February 7, 2021

Material / Products Tested	Type of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
Drinking Water	Heterotrophic plate count	SM9215B :2012	<b>Colony Counter</b> Manufacturer LEICA Quebec Darkfield Model 3326, S.N 000234780 RV0005 <b>Membrane Filtration System (Manifold)</b>
	Detection & enumeration for members of the coliform group – membrane filter	SM 9222B: 2012	<b>Oven</b> Manufacturer Binder Model FD 240, S.N 08-40530 <b>pH meter</b> Manufacturer VWR Int, USA Model Sb7OP, S.N D00861
	Detection & enumeration for members of the fecal coliform – membrane filter	SM 9222D: 2012	<b>Digital Balance</b> Manufacturer Citizen Model CY204 <b>Autoclave</b> Manufacturer Raypa Model AH21NS.N35899, 35897 <b>Incubator</b> Manufacturer Friocell Model FC III, S.N B081579, B081580, B081577

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Drinking Water	Determination of pH value	SM 4500- H <sup>+</sup> B: 2012	<b>pH meter</b> Manufacturer VWR Symphony Int ,USA Model SB70p,S.N D00453
	Determination of conductivity	SM 2510:2012	<b>Conductivity Meter</b> Manufacturer Martini , Romania Model MI170 S.N 643545
	Determination of turbidity	SM 2130B:2012	<b>Turbidity Meter</b> Manufacturer HACH ,USA Model 2100 AN,S.N 10050c022064

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Drinking Water	Determination of total alkalinity	SM 2320 B:2012	<b>Wet Chemistrty (titmetric method)</b> Manufacturer vitlab, Germany Model continous RS,S.N 12H14341
	Determination of total hardness	SM 2340 C:2012	
	Determination of calcium hardness	SM 3500 Ca B:2012	
	Determination of magnesium hardness	SM 3500 Mg B:2012	
	Determination of chloride	SM 4500 Cl <sup>-</sup> B :2012	

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Drinking Water	Determination of	SM4500-F D:2012	<b>Spectrophotometer</b> Manufacturer GBS, Australia Model Cintra 101, S.N V3825
	fluoride F <sup>-</sup>	LOQ 0.4ppm	
	nitrite as NO <sub>2</sub>	LOQ 0.05ppm	
	nitrate as NO <sub>3</sub> <sup>-</sup>	LOQ 1.0ppm	SM 4500 B NO <sub>3</sub> :2012
	Total Organic Carbon (TOC)	LOQ 0.5ppm	SM 5310 C:2012
sulphate as SO <sub>4</sub> <sup>-2</sup>	LOQ 10ppm	SM 4500 SO <sub>4</sub> E:2012	<b>Turbidity Meter</b> Manufacturer HACH ,USA Model 2100N , S.N 10050c022064

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Drinking Water	Determination of Polynuclear Aromatic Hydrocarbons (PAH) LoQ 0.050ppb	EPA 550:1990	HPLC Manufacturer DIONEX Model Ultimate 3000 , S.N 800250