

**Schedule of Accreditation**  
for Testing Laboratory According to ISO/IEC 17025  
Issued To  
**Central Laboratory For Drinking Water**  
**Sohag Drinking Water And Sanitation Company**  
Nida Akhmem City  
Sohag Gov. - Egypt

Schedule No.: 218015 Issue No. (1): November 29, 2018 1<sup>st</sup> Accreditation date: November 29, 2018 Revision No. (-): Valid to: October 31, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements (%)	Standard Specifications / Techniques Used	
Drinking Water Ground water Raw water	pH	SMWW 4500-H <sup>+</sup> B:2017	pH meter Manf: Thermoscientific Model : Orion 2-Star S.N: B29546
	Electrical conductivity	SMWW 2510 B:2017	Conductivity meter Manf: Jenway Model :4510 S.N: 66467
	Alkalinity	SMWW 2320 B:2017	Digital burette Manf: VWR Company, Germany Model : VWRI613-5287 S.N: BA2555
	Total Hardness	SMWW 2340 C:2017	Digital burette Manf: VWR Company, Germany Model : VWRI613-5287 S.N: BA2581
	Calcium Hardness	SMWW 3500-Ca B:2017	
	Magnesium Hardness	SMWW 3500-Mg B:2017	

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Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements (%)		Standard Specifications / Techniques Used	
Drinking Water Ground water Raw water	Determination of	LOQ (ppm)	SMWW 4500-Cl <sup>-</sup> B:2017	Digital burette Manf: VWR Company, Germany Model : VWR1613-5287 S.N: BA2564
	Chloride	7		
	Ammonia	0.03	SMWW 4500-NH <sub>3</sub> <sup>+</sup> F:2017	Spectrophotometer Manf: CECIL Model :CE7400S S.N: 146-647
	Nitrite	0.0985	SMWW 4500-NO <sub>2</sub> <sup>-</sup> B:2017	
	Nitrate	1.77	SMWW 4500-NO <sub>3</sub> <sup>-</sup> B:2017	Spectrophotometer Manf: CECIL Model :CE7400S S.N: 146-647

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Drinking Water Ground water Raw water	Determination of	LOQ
	Al	0.07
	Ba	0.005
	Be	0.001
	Cd	0.0013
	Co	0.002
	Cr	0.002
	Cu	0.008
	Fe	0.03
	Li	0.003
	B	0.2
		SMWW 3120 B:2017
		ICP-OES Manufacturer: Perkin Elmer, USA Model :Optima 8300 S.N: 078S1306183

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Drinking Water Ground water Raw water	Determination of	LOQ	SMWW 3120 B:2017	ICP-OES Manufacturer: Perkin Elmer, USA Model :Optima 8300 S.N: 078S1306183
	Mn	0.004		
	Mo	0.0032		
	Ni	0.006		
	Pb	0.009		
	Ti	0.022		
	V	0.02		
	Zn	0.007		
	Ca	0.55		
	K	1.39		
	Mg	0.23		

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Drinking Water Ground water Raw water	Determination of	LOQ
	Na	1.72
	Si	0.19
	Sr	0.012
	As	0.002
	Sb	0.004
	Se	0.0008
	Ag	0.02
		SMWW 3120 B:2017
		ICP-OES Manufacturer: Perkin Elmer, USA Model :Optima 8300 S.N: 078S1306183

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Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements (%)		Standard Specifications / Techniques Used	
Drinking Water Ground water Raw water	Determination of Disinfection by product	LOQ (µg/l)	EPA 551.1:1995	Gas Chromatography /µECD Manufacturer: Agilent, USA Model :7890A S.N: US13161010
	Chloroform	1		
	1,1,1-Trichloroethane	1		
	Carbontetrachloride	1		
	Trichloroacetonitrile	0.6		
	Trichloroethene	1		
	Bromodichloromethane	1		
	Dichloroacetonitrile	1		
	1,1-Dichloro-2-Propanone	1		

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Drinking Water Ground water Raw water	Determination of Disinfection by product	LOQ (µg/l)
	Chloropicrin	1
	Dibromochloromethane	1
	1,1,2_Trichloroethane	1
	Tetrachloroethene	1
	Bromochloroacetonitrile	1
	1,2_Dibromoethane	1
	1,1,1_Trichloro-2-Propanone	1
		<b>EPA 551.1:1995</b> <b>Gas Chromatography /µECD</b> <b>Manufacturer: Agilent, USA</b> <b>Model :7890A S.N: US13161010</b>

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كورنيش المعادي - برج رياض المعادي ١ - القاهرة - مصر

تليفون : ٢٥٢٧٥٢٢٠/٥/٦/٧ (٢٠٢)

فاكس : ٢٥٢٧٥٢٢٤ (٢٠٢)

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	Drinking Water Ground water Raw water	Determination of Disinfection by product	LOQ (µg/l)	EPA 551.1:1995
Bromoform		1		
Dibromoacetone nitrile		1		
1,2,3_Trichloropropane		1		
1,2_Dibromo-3-chloropropane		0.6		
Determination Of Trihalomethanes		LOQ (µg/l)	SMWW 6232 B:2017	Gas Chromatography /µECD Manufacturer: Agilent,USA Model :7890A S.N: US13161010
Chloroform		1		
Bromodichloromethane		1		
Dibromochloromethane		1		
Bromoform		1		