

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025
Issued To
ACERTA Laboratory
ACERTA MIDDLE EAST Company
Villa 9030, Israa st. Mogawara 9, Elmearaj Alsofly, Maadi
Cairo - Egypt

Schedule No.: 218005B

Issue No. (2): December 19, 2018

1st Accreditation date: June 6, 2018

Revision No. ():

Valid to : October 31, 2020

Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Food	Enumeration of <i>Clostridium perfringens</i>	ISO 7937: 2004
	Detection of <i>Clostridium botulinum</i> (RT-PCR)	In house method based on ISO 22119:2011
	Detection of <i>E coli</i>	ISO 16649 : 2015
	Detection of <i>Listeria monocytogenes</i> (RT-PCR)	In house method based on ISO 22119:2011
	Enumeration and detection of <i>Listeria monocytogenes</i>	ISO 11290-1: 2017
	Enumeration of yeast and mold	ISO 21527-2: 2008 ISO 21527-1: 2008
	Enumeration of <i>Bacillus cereus</i>	ISO 7932: 2004
	Enumeration of <i>Enterobacteriaceae</i>	In house method based on ISO 22119:2011
	Enumeration of sulfite reducing bacteria	ISO 15213: 2003
Food, food Surfaces & bottled water	Determination of hepatitis A virus and norovirus (RT-PCR)	ISO 15216-2: 2013
Swab	Enumeration of <i>Listeria monocytogenes</i>	ISO 11290-1: 2017
	Detection of <i>Salmonella</i>	ISO 6579-1: 2017
	Enumeration of coliforms	ISO 4832: 2006
	Enumeration of TPC	ISO 4833-1: 2013
	Enumeration of <i>Staphylococcus aureus</i>	ISO 6888-1: 1999

Real time PCR
Model: Rotorgene, R1116308
Incubators
Manufacturer: DAIHAN
Model: IG105, IG50
S.N 1200020J176B001, 1200020J176B002,
1200020J176B003, 1200020J176B004, 1200020J176B005,
1BF170966 POLEKO
Autoclave
Manufacturer :SCI Finetech
Model: fatc-702 , S.N: TRAO5-FTHPM-50
pH meter
Manufacturer: OHAUS
Model: ST3000 ,S.N 1081248042,1081248029
Balance
Manufacturer : OHAUS
Model: V11P3T S.N: 0093073
Oven
Manufacturer: DAIHAN
Model: ON-105, S.N: 1002373159M005
Colony counter
Model: SC6+, S.N: R570000077
Laminar flow cabinet
Model: BBS-H1300, S.N: BB513H1602008D

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Food and feed	Detection of <i>Salmonella</i> spp.	ISO 6579: 2017	Incubators Model:IG105,IG50 S.N :1200020J176B001, 1200020J176B002, 1200020J176B003, 1200020J176B004, 1200020J176B005, MODEL: PoI-EKO-APARATURA S.N :SOLBF 170966 Autoclave Model:fatc-702 , S.N:TRAO5-FTHPM-50 FTACO3 pH meter Model: ST3000 ,S.N 1081248042,1081248029 Balance Model:V11P3T , S.N: 00930131 Water Bath Model: WB-22 , S.N :1100030J1754003 Hot Air Oven Model:ON-105 S.N:1002373159M005 Colony counter Model:SC6+ S.N:R570000077 Laminar flow cabinet Model:BBS-H1300 S.N:BB513H1602008D
	Detection of <i>Escherichia coli</i>	ISO 16649-2:2001	
	Enumeration of coliform- colony count technique	ISO 4832: 2006	
	Enumeration of Total aerobic plate count	ISO 4833-1 2013	
	Enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i>)	ISO 6888-1: 2003	
Water	Detection and enumeration of fecal coliforms	ISO 9308-1:2014 amd.1:2016	
	Detection and enumeration of <i>Escherichia coli</i> MF	ISO 9308-1:2014 amd.1:2016	
	Enumeration of Total plate count 22 & 37	ISO 6222: 1999	

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Drinking water	Determination of pH	SMWW 4500-H ⁺ :2017	pH meter Model: ST3000 ,S.N 1081248042,1081248029	
Drinking water	Determination of conductivity	SMWW 2510 B:2017	Conductivity meter Model: STARTER3000C, S.N :B248573116	
	Determination of Total hardness as CaCO ₃	SMWW 2340 C:2017	Chemical analysis	
	Determination of Calcium hardness	SMWW 3500 Ca:2017		
	Determination of Magnesium hardness	SMWW 3500 Mg:2017		
	Determination of bicarbonate	SMWW 2320:2017		
	Determination of alkalinity	SMWW 2320:2017		
	Determination of carbonate	SMWW 2320:2017		
	Determination of hydroxide as CaCO ₃	SMWW 2320:2017		
	Determination of Chloride	SMWW 4500 Cl:2017		
	Determination of	LOQ (mg/L)		
	ammonia	0.03		SMWW 4500N: 2017
	Phosphorus	0.01	SMWW 4500 PO ₄ : 2017	
	Sulfate	2.88	SMWW 4500 SO ₄ : 2017	
Phosphate	0.03	SMWW 4500 PO ₄ : 2017		

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Wastewater	Determination of	LOQ (mg/L)	In house method based on SMWW 4500-CN ⁻	Spectrophotometer Model: DR3900 VIS SPECTRAL PHOTOMETER S.N 1672765	
	Cyanide	0.019			
	Lead	0.19			
water	Copper	0.057	SMWW 3500 – Cu: 2017		
	Manganese	0.02	SMWW 3500-Mn: 2017		
	Iron	0.027	SMWW 3500-Fe: 2017		
	Zinc	0.017	In house method based SMWW 3500-Zn		
	Determination of SULFITE		SMWW 4500-SO ₃ : 2017		Titrimetric method
	Determination of SULFIDE		SMWW 4500-S ²⁻ : 2017		
	Determination of Calcium		SMWW 3500-Ca : 2017		
	Determination of Magnesium		SMWW 3500-Mg : 2017		
	Determination of Total Solid		SMWW 2540 -B: 2017	Oven Model SNOL 120/300 SN. 374	
	Determination of Total Dissolved Solids		SMWW 2540 -C: 2017		
Determination of Total Suspended Solids		SMWW 2540-D: 2017			

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Oil and fats	Determination of Peroxide Value of Oils and Fats	ISO 3960: 2017	Titrimetric method
	Determination of Free Fatty Acids	AOAC 940.28: 2003	
Herbs, Condiments & Spices (with non Volatile Oil)	Determination of essential oils in herbs	In-house method based on ISO 6571: 2008	Heating Mantles Model: XC-1000 Balance Model: AE-FA220
	Determination of Ash	ISO 928: 1997	Muffle Furnace Model: SNOL 8, 2/1100, S.N.: 559
	Determination of Moisture	ES 1868-5: 2008	Oven Model: SNOL 120/300, S.N.: 374
Food	Determination of Acidity	ISO 750:1998	Titrimetric method
	Determination of total soluble solids (Brix)	ISO 2173: 2003	Refractometer Model: Dr 301-95 SN. 2330112007
	Determination of pH	Inhouse based on AOAC 981:2003 and AOAC 983.18:2003	pH meter Model: ST3000 ,S.N 1081248042,1081248029
Food and Feed	Determination of protein content	ISO 1871:2009	Kjeldahl Model: UDK129, S.N :441641 Model: DK6,S.N :4374141 Code:F30100182

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Meat and Meat Product	Determination of ash	ISO 936/1998	Snol Muffule Model: snol 8.2/1100 S.N :559
	Determination of moisture	ISO 1442/1997	Snol Oven Model: snol 120/300 ,S.N:374
	Determination of Total fat	ISO 1444:1996	Soxhlet
	Calculation of Energy(protein + fat + moisture + total carbohydrate)	energy method of analysis and conversion factor 77 FAO:2003	Calculations
	Calculation of carbohydrate(100-(protein + fat + moisture + ash))		