

Schedule of Accreditation
for Testing Laboratory According to ISO/IEC 17025
Issued To
Technolab Laboratory
Technolab
(12), Block (15/19), 11th District – West Soud – 6th of October City
Giza Governorate - Egypt

Schedule No.: 021309B 1st Accreditation Date: February 26, 2014 Issue No. (08): February 26, 2022 Revision No. (02): March 09, 2023 Valid to: February 25, 2026

Material / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	Oven
Food	Enumeration of microorganisms - colony count technique at 30 °C	ISO 4833-1:2013 /Amd 1:2022	Model: Binder FD115, S.N.: 12-19489
	Enumeration of coliforms - colony count technique	ISO 4832:2006	Autoclave
	Enumeration of β -glucuronidase - positive <i>Escherichia coli</i>	ISO 16649-2:2001	Model: Tommy sx-700, S.N.: 8134047
	Enumeration of coagulase - positive <i>Staphylococcus aureus</i>	ISO 6888-1:2021	pH Meter
	Enumeration of <i>Listeria monocytogenes</i>	ISO 11290-1:2017	Model: Jenway 3510, S.N.: 37106
	Detection of <i>Salmonella</i> spp	ISO 6579:2017 Amend 2020	Incubator
	Enumeration of <i>Enterobacteriaceae</i> - colony count technique	ISO 21528-2:2017	Model: Binder B28, S.N.: 12-09327
	Enumeration of yeasts and moulds	ISO 21527-1:2008	Model: Binder BD53, S.N.: 12-02985
		ISO 21527-2:2008	Model: Binder BD115, S.N.: 12-04786
	Enumeration of <i>Bacillus cereus</i>	ISO 7932:2004	Model: Binder, S.N.: 14-03407, 16-03186
	Enumeration of <i>Clostridium perfringens</i>	ISO 7937:2004	Model: ROMO, Code: 200
	Detection of <i>Campylobacter</i> spp	ISO 10272-1:2017	Model: POL-EKO, S.N.: S04BF160430
	Enumeration of aerobic spores count	NKML no. 189:2017	Balance
	Enumeration of anaerobic spores count	NKML no. 189:2017	Model: ES-100H, S.N.: 07A7417
	Detection of <i>Shigella</i> spp.	ISO/FDIS 21567:2004	Model: PGW453i, S.N.: AE441307
	Enumeration of Lactic acid bacteria	ISO 15214:1998	
	Enumeration of Sulfite reducing bacteria	ISO 15213:2003	
	Enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp	ISO 11290-2:2017	
	Enumeration of <i>Salmonella</i> spp	ISO/TS 6579-2:2012	
	Detection of Enterobacteriaceae	ISO 21528-1:2017	
	Detection of GMO (P-35S-TNOS-P34S-plant)	In House method TLW031 based on ISO 21569:2005 Amend 2013	

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Water	Total plate count at 22° and 37°C	ISO 6222:1999	Model: Binder FDI15, S.N.: 12-19489
	Enumeration of coliforms	SMWW 9221B:2017	Autoclave
	Enumeration of <i>E. coli</i>	SMWW 9221F:2017	Model: Tommy sx-700, S.N.: 8134047
	Detection and enumeration of Enterococci	ISO 7899-2:2000	pH Meter
	Detection and enumeration of <i>Pseudomonas aeruginosa</i>	ISO 16266:2006	Model: Jenway 3510, S.N.: 37106
	Detection and enumeration of <i>Legionella</i>	ISO11731:2017	Incubator
Environmental swabs	Enumeration of total plate count	ISO 4833-2:2013	Model: Binder B28, S.N.: 12-09327
	Enumeration of coliforms	ISO 18593:2018	Model: Binder BD53, S.N.: 12-02985
	Enumeration of <i>Staphylococcus aureus</i>	ISO 4832:2006	Model: Binder BD115, S.N.: 12-04786
	Detection of <i>Salmonella</i> spp	ISO 6888:1999	Model: Binder, S.N.: 14-03407, 16-03186
	Detection of <i>Listeria monocytogenes</i>	ISO 18593:2018	Model: ROMO, Code: 200
	Enumeration of <i>E. coli</i>	ISO 6579:2017	Model: POL-EKO, S.N.: S04BF160430
Enumeration of Yeast & mould	Detection of <i>Listeria monocytogenes</i>	ISO 6579:2017	Real-Time PCR
	Enumeration of Yeast & mould	In House method TLW031 based on Real-time PCR manual	Model: thermo, S.N.: PRO241500715
	Enumeration of enterobacteriaceae	ISO 11290:2017	Balance
	Enumeration of enterobacteriaceae	In House method TLW049 based on Real-time PCR manual	Model: ES-100H, S.N.: 07A7417
Enumeration of enterobacteriaceae	Enumeration of <i>E. coli</i>	ISO 18593:2018	Model: PGW453i, S.N.: AE441307
	Enumeration of enterobacteriaceae	ISO 16649-2:2001	
Enumeration of enterobacteriaceae	Enumeration of Yeast & mould	ISO 21527-1:2008	
	Enumeration of enterobacteriaceae	ISO 18593:2018	
Enumeration of enterobacteriaceae	Enumeration of enterobacteriaceae	ISO 21528-2:2017	
	Enumeration of enterobacteriaceae	ISO 18593:2018	

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Material / Products Tested	Type of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Food and water	Detection of <i>Salmonella</i> spp	In House method TLW031 based on Real- time PCR manual
	Detection of <i>E. coli</i> O157	In House method TLW031 based on Real- time PCR manual
	Detection of <i>Listeria monocytogenes</i>	ISO 11290:2017 In House method TLW049 based on Real- time PCR manual ISO 18593:2018
Food	Detection of <i>Listeria</i> spp	ISO 11290:2017 In House method TLW049 based on Real- time PCR manual ISO 18593:2018
	Determination of fat	AOAC 963.15: 2019
	Detection of Gluten allergens	In House method TLW050 based on Real- time PCR manual
	Detection of Peanuts allergens	In House method TLW050 based on Real- time PCR manual
Surface sampling	Calculation of carbohydrates	FAO 2003
	Calculation of Energy	ISO 18593:2018
	Swabbing technique using stick swab method	Stick swab, electronic thermometer, ice box Model: checktemp1

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Materials / Products Tested	Types of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Food & feed	Determination of fiber Content	ISO 6541:1981 Fibretherm S.N.: 1755180039 Analytical balance Model: PA214C, S.N.: B645255028 Furnace S.N.: 2014884 Oven Model: BinderFD115, S.N.: 17521
	Determination of protein	ISO 1871:2009 KJELDA UNIT S.N.: 5708190001 Analytical balance Model: PA214C, S.N.: B645255028
	Determination of protein Content	ISO 1871:2009 KJELDA UNIT S.N.: 5708190001 Analytical balance Model: PA214C, S.N.: B645255028
	Determination of fat Content	ISO 6492:1999 Soxhlet apparatus S.N.: 8465180082 Analytical balance Model: PA214C, S.N.: B645255028
Feed	Determination of fiber Content	AOAC 962.09:2019 Fibretherm S.N.: 1755180039 Analytical balance

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Meat and meat products	Determination of ash content	ISO 936:1998 Model: PA214C, S.N.: B645255028 Furnace S.N.: 2014884 Oven Model: BinderFD115, S.N.: 17521
	Determination of free fat content	ES 63-4:2006 Soxhlet apparatus Balance Model: Adam PGL303, S.N.: AE 767531
		Oven Model: LDO030E, S.N.: 3014070893
	Determination of curd protein	AOAC 928.08: 2019 Kjeldahl apparatus Balance Model: Adam PGL303, S.N.: AE 767531

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Meat and meat products	Determination of moisture content	ISO 1442:1997 Oven Model: LDO030E, S.N.: 3014070893 Balance Model: AdamPGL 303, S.N.: AE767531
Cereals and cereals products	Determination of moisture content Determination of ash content	ISO 712:2009 ISO 2171:2007 Muffle Furnace Model: Binder FD115, S.N.: 21301437 Balance Model: AdamPGL 303, S.N.: AE767531
Cacao and Cacao products	Determination of fat content	AOAC 963.15:2019 Soxhlet apparatus Balance Model: AdamPGL 303, S.N.: AE 767531 Oven Model: LDO030E, S.N.: 3014070893
Spices and condiments	Determination of moisture content	ISO 939:1980 Distillation apparatus Balance Model: AdamPGL 303, S.N.: AE767531
Fruit and vegetable products	Determination of total ash Determination of ash insoluble in hydrochloric acid	ISO 928:1997 ISO 763:2003 Muffle furnace Model: Binder FD115, S.N.: 21301437 Balance Model: AdamPGL 303, S.N.: AE767531
Fruit and vegetable products	Determination of water insoluble solids	ISO 751:1998 Oven Model: AdamPGL 303 Balance Model: AdamPGL 303, S.N.: AE767531
	Determination of curde protein	AOAC 920.152:2019 Kjeldahl apparatus

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	Determination of Acidity	Balance Model: AdamPGL 303, S.N.: AE767531
	Determination of Brix	Oven Model: Binder FD115, S.N.: 12-19489
	Determination of PH	Titrimetric method
	Determination of pH	Refractometer Model: HI966801, S.N.: 03270047101
Water	Determination of pH	pH meter Model: 3510, S.N.: 37106
	Determination of conductivity	pH meter Model: 3510, S.N.: 37106.
	Determination of turbidity	Conductivity meter Model: 4510, S.N.: 39857
	Determination of turbidity	Turbidimeter Model: TB300 IR
Water	Total Hardness: - Calcium - Magnesium	Titrimetric method
	Examination of Iron in Water	Spectrophotometer Model: Biochrom, S.N.: 135529
	Determination of Alkalinity	Titrimetric method
	Chloride	Titrimetric method (Argentometric)
	Chlorine	Titrimetric method (Iodometric I)

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Ammonia	SMWW 4500-NH ₃ -B:2023	Kjeldahl apparatus Model: Gerhardt - kjeldatherm, S.N.: 5708190001
Nitrite (NO ₂)	SMWW 4500-NO ₂ -B:2023	Spectrophotometer S.N.: 135529
Nitrate (NO ₃)	SMWW 4500-NO ₃ -B:2023	
Sulfate (SO ₄ ²⁻)	SMWW 4500-SO ₄ ²⁻ -E:2023	
Silica (SiO ₂)	SMWW 4500-SiO ₂ -C:2023	
color	SMWW2120 B:2023	
Phosphorus	SMWW 4500-P-C:2023	
Nitrite (NO ₂)	SMWW 4500B:2023	
Nitrate (NO ₃)	SMWW 4500B:2023	
Sulfate (SO ₄)	SMWW 4500E:2023	
Silica (SiO ₂)	SMWW 4500C:2023	
color	SMWW2120 B:2023	
Phosphorus	SMWW 4500C:2023	