



Type: Reaccreditation



Certificate of Accreditation

This is to certify that

PEARLS SCIENTIFIC LABORATORY SERVICES

561 AGEGE MOTOR ROAD, SHOGUNLE LADIPO,
OSHODI, LAGOS STATE, NIGERIA

Has been assessed by the Nigeria National Accreditation System and
meets the requirements of the International Standard

ISO/IEC 17025:2017

with demonstrated technical competence in the field of

Testing

for the specific services listed on the approved Scope of Accreditation.

On behalf of the Nigeria National Accreditation System:



Testing
No. T0038

Issue date: **January 05, 2026**
Valid through: **January 04, 2030**

Scope of Accreditation

Chemical Testing Laboratory
PEARLS SCIENTIFIC LABORATORY SERVICES
 561 AGEGE MOTOR ROAD, SHOGUNLE LADIPO,
 OSHODI, LAGOS STATE, NIGERIA

Schedule NO.: TL0005C

Issue No. 2: 05 01, 2026

Valid to : 04 01, 2030

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
CHEMICAL: FOOD and Beverages, Food grade Salt/Seasoning agents, Spices, Flour and flour based products, Soft drinks, Grains, Nuts, Vegetable oil, Palm oil, Tomato paste and products, Milk and milk products	Moisture Content	AOAC 945.15	Hot Air Oven
	Fat content	AOAC 932.06	Rose Gotlieb Extraction
	Protein	AOAC 991.20	Kjeldahl
	Total Ash	AOAC 923.03	Muffle furnace
	Carbohydrate	AOAC 986.25E	Calculation
	Total Sugar content	AOAC 923.09	Lane Eynon method
	Titration Acidity	AOAC 940.15A	Titrimetric method
	Acid Insoluble Ash	AOAC 941.12C	Muffle furnace
	Peroxide Value	AOAC 965.33	Iodometric titration
	Acid Value	AOAC 969.17	Titrimetric method
	Free Fatty acids	AOAC 940.28	Acid-Base Titrimetry
	Saponification Value	AOAC 920.16	Titrimetric method
	Iodine content	AOAC 925.56	Iodometric titration
	pH	AOAC 943.02	pH meter
	Reducing Sugar	AOAC 923.09C	Lane Eynon method
	Alcohol Content	AOAC 920.57, 920.58	Gravimetry
	Specific Gravity	AOAC 920.57	Pycnometer bottle
	Crude Fibre	AOAC 920.86	Muffle furnace
	Lactose	AOAC 923.09C	Lane Eynon method
	Refractive Index	AOAC 950.04	Refractometer
WATER	pH	AOAC 973.41	pH meter
	Free carbon dioxide	AOAC 4500C	Titrimetric
	Electrical Conductivity	AOAC 957.16	Conductivity meter
	Turbidity	APHA 2130	Turbidity meter
	Total hardness	APHA 2340C	Titrimetric

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
WATER	Total Alkalinity	APHA 2320B	Titrimetric
	Total acidity	APHA 2310B	Titrimetric
	Residual chlorine	APHA 4500B	Titrimetric
	Chloride	APHA 4500B	Titrimetric
	Nitrate	USEPA 352.1	Spectrophotometric
	Sulphate	ASTMD 1193	Spectrophotometric
	Total Iron	APHA 3500B	Spectrophotometric
	Magnesium	APHA 3500B	Calculation
	Chemical Oxygen Demand	APHA 5220C	Titrimetric
	Nitrogen	APHA	Kjeldahl
	Silica	APHA 4500-SiO ₂ C method	Molybdosilicate colorimetric
MICROBIOLOGICAL ANALYSIS Food, Water and Waste Water, Swabs, Environmental Air Exposure	Total Plate Count	APHA 9215B	Pour Plate Method
	Staphylococcus aureus	AOAC 975.55	Spread Plate Method
	Coliforms	APHA 9221B	MPN/Streak Method
	Escherichia coli	APHA 9221B	MPN/Streak Method
	Salmonella sp	APHA 9260B	Pour Plate Method
	Shigella sp	APHA 9260E	Pour Plate Method
	Mould	APHA 9610B	Pour Plate Method
	Yeast	APHA 9610B	Pour Plate Method
	Listeria monocytogenes	AOAC 993.12	Streaking method
	Vibrio	APHA 9260H Method	Pour Plate Method/Streak Method
	Enterobacteriaceae	ISO 21528:2017	Streaking method
	Clostridium perfringens	APHA 9221 D	Pour Plate Method
	Faecal Streptococci	APHA 9230B	Most Probable Number (MPN)
	Pseudomonas aeruginosa	ISO 16266:2006(E)	Pour Plate Method