



Type: Initial Accreditation



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: September 06, 2023

Valid through: September 05, 2025

Note: This accreditation has been extended until 5th January, 2026.

Signed: 

Director General, NiNAS

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

Schedule NO.: T0060

Issue No. 1: 06 09, 2023

Valid to : 05 09, 2025

MATERIALS/ PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED / RANGE OF MEASUREMENTS	STANDARD SPECIFICATIONS / TECHNIQUES USED	
Food	Moisture Content	AOAC 945.15	Hot Air Oven
Food	Fat content	AOAC 932.06	Rose Gotlieb Extraction
Food	Protein	AOAC 991.20	Kjeldahl
Food	Carbohydrate	AOAC 986.25E	Calculation
Food, water	pH	AOAC 973.41	pH meter
Water	Free carbon dioxide	AOAC 4500C	Titrimetric
Water	Electrical Conductivity	AOAC 957.16	Conductivity meter
Water	Total dissolved solids	AOAC 957.16	TDS meter
Water	Turbidity	APHA 2130	Turbidity meter
Water	Total hardness	APHA 2340C	Titrimetric
Water	Total Alkalinity	APHA 2320B	Titrimetric
Water	Total acidity	APHA 2310B	Titrimetric
Water	Residual chlorine	APHA 4500B	Titrimetric
Water	Chloride	APHA 4500B	Titrimetric
Water	Nitrate	USEPA 352.1	Spectrophotometric
Water	Sulphate	ASTMD 1193	Spectrophotometric
Water	Calcium	APHA 3500B	Titrimetric
Water	Total Iron	APHA 3500B	Spectrophotometric
Water	Magnesium	APHA 3500B	Calculation
Water	Titration Acidity	AOAC 940.15A	Titrimetric
Food	Sugar content	AOAC 923.09	Lane Eynon method
Food	Acid Insoluble Ash	AOAC 941.12C	Muffle furnace
Food	Peroxide Value	AOAC 965.33	Iodometric titration

MATERIALS/ PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED / RANGE OF MEASUREMENTS	STANDARD SPECIFICATIONS / TECHNIQUES USED	
Food	Acid Value	AOAC 969.17	Titrimetric
Food	Iodine content	AOAC 925.56	Iodometric titration
Food	Total Plate Count	APHA 9215B	Pour Plate Method
Water/food	Staphylococcus aureus	AOAC 975.55	Spread Plate Method
Waste Water	Coliforms	APHA 9221B	MPN/Streak Method
Water/Food	Escherichia coli	APHA 9221B	MPN/Streak Method
Water/Food	Salmonella sp	APHA 9260B	Pour Plate Method
Water/Food	Shigella sp	APHA 9260E	Pour Plate Method
Water/Food	Mould	APHA 9610B	Pour Plate Method
Water/Food	Yeast	APHA 9610B	Pour Plate Method
Water/Food	Vibrio	APHA 9260H	Pour Plate Method/Streak Method
Water/Food	Faecal Streptococci	APHA 9230B	Most Probable Number (MPN)
	Pseudomonas aeruginosa	ISO 16266:2006(E)	Pour Plate Method