



Certificate of Accreditation

This is to certify that

SETH LABORATORIES LIMITED

NO. 32, ABISOGUN LEIGH, OGBA-AGUDA, IKEJA, LAGOS

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. T0033

Effective Date: **October 16th, 2026**
Certificate Expires: **October 15th, 2030**
Reaccreditation Date: **April 15th, 2030**

Scope of Accreditation
Chemical and Microbiology Testing Laboratory
SETH LABORATORIES LIMITED

NO. 32, ABISOGUN LEIGH, OGBA-AGUDA, IKEJA, LAGOS

Reference No.: TL0001B

First Accreditation Date: 24 04, 2023

Issue No. 2: 16 10, 2026

Valid to : 15 10, 2030

Material or Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications, Techniques/Equipment Used
CHEMICAL Water (potable water and wastewater)	pH at 25 °C	APHA 4500-H ⁺ B (Electrometric method)
	Turbidity	APHA 2130 B (Nephelometric method)
	Total hardness (as CaCO ₃) mg/L	APHA 2340 C (EDTA titrimetric method)
	Total dissolved solids mg/L	APHA 2540 C Dried at 180 °C
	Chloride (as Cl ⁻) mg/L	APHA 4500-Cl ⁻ B (Argentometric method)
	Copper (as Cu) mg/L	APHA 4500-Cl ⁻ B
	Sulphate (as SO ₄ ²⁻) mg/L	APHA 4500-SO ₄ ²⁻ E (Turbidimetric method)
	Manganese (as Mn) mg/L	APHA 3500-Mn B (Persulfate method)
	Electrical conductivity at 25 °C	APHA 2510 B (Electrometric method)
	Chemical oxygen demand (COD) mg/L	APHA 5220 B (Open Reflux Method)
	Total alkalinity (as CaCO ₃)	APHA 2320 B (Titration method)
	Nitrate (as NO ₃ ⁻ -N) mg/L	APHA 4500-NO ₃ ⁻ (Aquakem discrete analyser)
MICROBIOLOGY Water (potable water, wastewater, sea water and raw water)	Enumeration of Aerobic Plate Count	ISO 6222:1999
	Enumeration of Escherichia coli and coliform bacteria	ISO 9308-1:2014 + A1:2016 (Membrane filtration)
	Detection of Salmonella Presence/absence	ISO 19250:2010
MICROBIOLOGY Food and other products	Enumeration of Aerobic Plate Count	ISO 4833-1:2013 (Pour plate technique)
	Enumeration of Escherichia coli	ISO 16649-2:2001
	Enumeration of coliforms	ISO 4832:2006
	Detection of Salmonella Presence/absence in 25 g	ISO 6579-1:2017 + A1:2020
	Enumeration of yeasts and moulds	ISO 21527-1:2008 / ISO 21527-2:2008