



Certificate of Accreditation

This is to certify that

**Chemical Testing Laboratory,
REMABEN SCIENTIFIC SERVICES LIMITED**

32/78, AKINREMI STREET, ANIFOWOSHE, IKEJA, LAGOS, 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. T0013

Date of Issue of First Accreditation: **May 21st, 2019**
Date of Issue of Latest Accreditation: **February 16th, 2026**
Expiry Date: **February 15th, 2030**
Reaccreditation Date: **August 15th, 2029**

Scope of Accreditation

Chemical Testing Laboratory
REMABEN SCIENTIFIC SERVICES LIMITED

32/78, AKINREMI STREET, ANIFOWOSHE, IKEJA, LAGOS, NIGERIA

Reference No.: TL0007C

Issue No. 4: 16 02, 2026

Valid to : 15 02, 2030

Material or Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications, Techniques/Equipment Used	
Food and Beverages, Flour & Flour Based Products, Agro products, Cereals/Grains, Milk & Milk Products, Animal Feeds, Vegetables & Fruits, Tomato Products, Food Grade Salt, Fats/Oils, Granulated Sugar, Spices/Seasonings., Cosmetic products etc.	Moisture Content	AOAC 927.05 AOAC 926.07 AOAC 925.10 AOAC 933.01 Hot Air Oven Dry Method	
	Total Ash	Muffle Furnace, Dry Ashing	
	Acid Insoluble Ash		AOAC 930.30
	Water Insoluble Ash		AOAC 925.11
	Water Soluble Ash		AOAC 942.05
	Sulphated Ash		
	Total Fat	AOAC 922.06 AOAC 932.06 Acid Hydrolysis solvent Extraction	
	Protein	AOAC 930.29 AOAC 930.25 Micro Kjeldahl, Titration	
	Carbohydrate	Calculation by difference David Pearsons, 9 th edition, 1991, Pg 4	
	Energy Value	Calculation CODEX CX G.2-1985 Adopted Annex 2-2021	
	pH	AOAC 940.23 pH meter, potentiometry	
	Sugar as %Brix	AOAC 932.14C Brix Refractometer	
	Sucrose	AOAC 925.35 Lane & Eynon Copper-Reduction Method	
	Lactose	AOAC 923.09C AOAC 925.35 Lane & Eynon Copper-Reduction	
	Crude Fibre	AOAC 920.86 Muffle furnace	
	Salt Content (Sodium Chloride)	AOAC 937.09 Argentometric Titration	
	Iodine in table salt	AOAC 925.56 Titrimetry	
Iodine value in oils	AOAC 993.20 Wij's Titrimetric Method		
Iron	AOAC 944.02 Phenanthroline Method		
Calcium	AOAC 991.25 EDTA Titrimetric method		

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	Free Fatty Acids	AOAC 940.28	Acid-Base Titrimetry
	Peroxide Value	AOAC 965.33	Titrimetry
	Specific Gravity/Relative Density	AOAC 985.33	Pycnometry
	Saponification Value	AOAC 920.16	Reflux/Titrimetry
	Total Acidity/Titratable acidity	AOAC 942.15	Acid-Base Titrimetry
	Vitamin C (Ascorbic acid)	AOAC 967.21	Titrimetry (Redox)
	Acid Insoluble Ash	AOAC 971.33	Muffle Furnace
	Benzoic Acid	AOAC 963.19	Solvent Extraction/Titration
	Unsaponifiable Matter	AOAC 933.08	Reflux/Titrimetry
	Refractive Index	AOAC 921.08	Refractometric
	Alcohol Content in Foods	AOAC 942.06	Distillation Method
	Total Soluble solids	AOAC 932.12	Calculation
	Sulphur dioxide/Sulphite in foods	AOAC 990.28 AOAC 940.20	Distillation/Titrimetry
	Reducing Sugars	AOAC 935.62 AOAC 925.25 AOAC 950.30	Lane & Eynon Copper-Reduction
	Conductivity Ash in sugar	ICUMSA GS 2/3-17	Spectrophotometry
	Total Sugar	AOAC 925.35	Lane And Eynon Copper-Reduction Method
	Cadmium	ASTM D3557	Atomic Absorption (AAS)
	Chromium	APHA 3500-Cr B	Atomic Absorption (AAS)
	Lead	ASTM D3559	Atomic Absorption Spec (AAS).
Arsenic	ASTM D2973A	Atomic Absorption Spec (AAS).	
Copper	ASTM D1688A	Atomic Absorption (AAS)	
	MICROBIAL EXAMINATION:		
	Total coliforms	ISO 4832:2006	Pour Plate Method

Material or Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications, Techniques/Equipment Used
Food, Water and Wastewater, Swabs, Environmental Air Exposure, Medical devices, Food packaging materials (Laminate/Pouch) etc	Escherichia Coli (E.coli)	AOAC 966.24 Pour Plate Method
	Salmonella spp	ISO 6579:2017, APHA 9260B, Pour Plate Method
	Yeast/Mould	AOAC 940.37E Pour Plate Method
	Total Plate count (Aerobic)	AOAC 966.23C Pour Plate Method
	Listeria Monocytogenes	AOAC 993.12 Pour Plate Method
	Shigella	APHA 9260B AOAC 967.27 Pour Plate Method
	Faecal streptococci	AOAC 966.34 Pour Plate Method
	Clostridium perfringes	AOAC 976.30 Pour Plate Method
	Bacillus Cereus	AOAC 980.31 Pour Plate Method
	Pseudomonas aeruginosa	AOAC 9213E Pour Plate Method
	Enterobacteriaceae	ISO 21528:2017 Streak Plate Method
	Staphylococcus aureus	AOAC 975.55 Pour Plate Method
	Vibrio Cholera	AOAC 988.20 Pour Plate Method
	Lactobacillus	ISO 20128 Pour Plate Method
	Water & Wastewater, Liquid Effluent, Soil, Sediments, Sludge/Solid Effluent etc.	pH
Chloride		APHA 4500-Cl-B Argentometric Titration of Chloride Ions
Conductivity		APHA 2510B Conductivity/TDS meter
Turbidity		APHA 2130B Turbidimeter
Total hardness		APHA 2340C EDTA Titrimetric method
Total Alkalinity		APHA 2320B Acid- Based Titration
Total solids		APHA 2540B Oven Dry Gravimetric Method
Residual Chlorine		APHA 4500-Cl B Iodometric with Potassium iodide
Sulphate		APHA 4500-SO4 E Turbidimetric with Barium Chloride
Phosphate		APHA 4500-P C Colorimetric/Vanadate-molybdate

Material or Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications, Techniques/Equipment Used	
Water & Wastewater, Liquid Effluent, Soil, Sediments, Sludge/Solid Effluent etc.	Calcium	APHA 3500-Ca B	EDTA Titrimetric method
	Magnesium	APHA 5500-Mg B	Calculation
	Silica	APHA 4500-SiO ₂ C	Molybdosilicate Colorimetry
	Total Dissolved solids	ASTM D5907-03	Conductivity/TDS meter
	Iron	APHA 3500-Fe B	Colorimetric/Spectrophotometric
	Lead	ASTM D3559	Atomic Absorption Spec (AAS).
	Zinc	ASTM D1691A	Atomic Absorption (AAS)
	Manganese	ASTM D858-02	Atomic Absorption (AAS)
	Copper	ASTM D1688A	Atomic Absorption (AAS)
	COD (Chemical Oxygen Demand)	APHA 5220B	Open Reflux with Potassium Dichromate
	BOD (Biochemical Oxygen Demand)	APHA 5210 B	5-Days Incubation/Iodometry
	DO (Dissolved Oxygen)	APHA 4500-0 B	Iodometric Method
	Nitrate	APHA 4500-NO ₃	Spectrophotometric
	Total Acidity	APHA 2320 B	Acid-base Titrimetric
	Cadmium	ASTM D3557	Atomic Absorption (AAS)
	Chromium	APHA 3500-Cr B	Atomic Absorption (AAS)
Arsenic	ASTM D2973A	Atomic Absorption Spec (AAS).	