Type: Reaccreditation

Certificate of Accreditation

This is to certify that

KAZLAT PUBLIC ANALYSTS LABORATORY

24 OBASANJO FARM ROAD, ONIPANU, OTA, OGUN STATE
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. T0014

Issue date: FEBRUARY 14, 2025
Valid through: FEBRUARY 13, 2027

Scope of Accreditation

Chemical Testing Laboratory

KAZLAT PUBLIC ANALYSTS LABORATORY

24 OBASANJO FARM ROAD, ONIPANU, OTA, OGUN STATE

Schedule NO.: T 0027B **Issue No. 3: 14 02, 2025** **Valid to : 13 02, 2027**

Materials/Products Tested	Types of Tests/ Properties Measured/ Range of Measurements	Standard Specifications / Techniques / Equipment Used
	CHEMICALS	
Water (Portable, Packaged and waste waters) Food and Food products Pharmaceuticals and Pharmaceutical products Medical Devices Herbal Medicines Cosmetics Food Packaging materials (Laminates, Bottles) Food Contact surfaces	Ph determination	AOAC 2019. 923.03 Electrode meter
	Conductivity determination	AOAC 2019. 925.10 Electrode meter
	Determination of moisture content	AOAC 2016. 935.29 Drying oven
	Ash content determination	AOAC 2019. 923.03 Muffle furnace
	Determination of crude fiber	AOAC 2019. 962:09 Muffle furnace
	Determination of fat (crude) / Ether extract	AOAC 2019. 954:02 Seperating funne, Water bath
	Determination of water hardness	AOAC 2019. 973:52 Butette
	Determination of iodine content in salt	NIS 168:2004 Butette
	Determination of iron	APHA 2017 UV-visible spectrophotometer
	Determination of iodine value in fats & oil	IS 548: 2010 Butette
	Determination of Nitrate in water	APHA 2017:4-126 UV-visible spectrophotometer
	Determination Of Nitrite in water	APHA 2017:4-124 UV-visible spectrophotometer
	Determination of sulphate in water	AOAC 973:57 UV-visible spectrophotometer
	Determination of Total Protein	AOAC 2019. 955. 04 Kjeldhal & Burette
	Determination of specific gravity	AOAC 945. Pycnometer
	Determination of Aflatoxins	AOAC 990.33 HPLC
	Determination of fat- soluble vitamins	AOAC 979.24 HPLC
	Determination of water-soluble vitamins	ASEAN Manual of Food Analysis HPLC
	Chloride	AOAC 2019.973:41 Argentiometry titrimetry
	Benzene	AOAC 2019.965.16 HPLC, GC-FID
	Toluene	AOAC 2019.965.16 HPLC, GC-FID
	Hexane	AOAC 2019.965.16 HPLC, GC-FID

Materials/Products Tested	Types of Tests/ Properties Measured/ Range of Measurements	Standard Specifications /Equipment/ Techniques Used
Food Products Pharmaceutical Products Cosmetics Medical devices Herbal products Water, Waste water	Xylene	AOAC 2019. 965.16 HPLC, GC-FID
	Metallic contaminants	OAC 2019.944.03./ Atomic Absorption Spectrometer (AAS)
	Lead	
	Cadmium	
	Chromium	
	Copper	
	Manganese	
	Aluminum	
	Tin	
	Barium	
	Boron	
	Zinc	
	Sodium	AOAC 2019.944.03/ Atomic Absorption Spectrometer (AAS)
	Calcium	
	Potassium	
	Barium	
	Lithium	
Food products Pharmaceuticals Cosmetics Herbal products	Weight/ ml	AOAC 2019.985.19 Density bottle
	Peroxide value	AOAC 2019.965.33 Burette, Pipette
	Saponification value	AOAC 2019.920.160 Burette, Pipette
	Free fatty acid	ASEAN Manual of food analysis, ASEAN 2011
Sugar, Honey	Brix	ASEAN 20111 /Refractometer

Materials/Products Tested	Types of Tests/ Properties Measured/ Range of Measurements	Standard Specifications /Equipment/ Techniques Used
	Vitamins	
Food, Pharmaceutical products, Cosmetics	Ochratoxin Fuminosin	AOAC 2019.947.01/HPLC
	Chemical contaminants	
Food, Pharmaceutical products, Cosmetics, Medical Devices	Benzene	AOAC 2019.965.16/HPLC, GC-FID
	Toluene	HPLC, GC-FID
	Hexane	HPLC, GC-FID
	Xylene	HPLC, GC-FID
	Phthalates	AOAC 2017.15/GC-MS
	Bisphenols	GC-MS
	EU (EC) GCMS scanning for prohibited volatile organic compounds	GC-MS, GC-FID
	Pesticide Residues/ Herbicides, Fungicides	
Food products Pharmaceuticals products Cosmetics products Herbal products	Organochlorine/Organophosphate pesticides	AOAC 2019:935.06, GC-FID, GC-MS
	Broad spectrum pesticides residues scanning with GCMS	AOAC 2019:935.06, GC-FID, GC-MS
	Chlorpyrifos	AOAC 2019:935.06, GC-FID, GC-MS
	Diclovos	AOAC 2019:935.06, GC-FID, GC-MS
	Organophosphate pesticides	AOAC 2019:935.06, GC-FID, GC-MS
	Organochlorine pesticides	AOAC 2019:935.06, GC-FID, GC-MS
	Polycyclic Aromatic Hydrocarbons, PAHs	AOAC 2019:935.06, GC-FID, GC-MS
	Mineral Oil Saturated Hydrocarbons, MOSH / MOAH	
	Chlorophenols	AOAC 2019:935.06, GC-FID, GC-MS
	Trihalomethanes	AOAC 2019:935.06, GC-FID, GC-MS
	Glyphosate	AOAC 2019:935.06, GC-FID, GC-MS
	Paraquate	AOAC 2019:969.09/ GC-MS
	Polychlorinated Biphenyls, PCBs	AOAC 2019:983.21/ GC-MS

Materials/Products Tested	Types of Tests/ Properties Measured/ Range of Measurements	Standard Specifications /Equipment/ Techniques Used
Food products Pharmaceuticals	Total sugar	Lane-Eynon
	Sugar (as Brix)	Refractometery
MICROBIOLOGY		
Pharmaceutical products Cosmetics Water Waste water Medical devices Food packaging material Food contact surface Food and Food Products	Enumeration of faecal Streptococcus spp	APHA 9230B/ Incubator, Autoclave
	Enumeration of Escherichia coli	EN ISO 7251
	Detection of Salmonella spp	EN ISO 6579-1
	Enumeration of Listeria spp	AOAC 993. 12/ Incubator
	Enumeration of Klebsiella spp	AOAC 966.24, BAM/ Incubator
	Enumeration of Clostridium perfringes	AOAC 976.30/ Incubator
	Enumeration of Vibro cholera	BAM, CH.9:2001/ Incubator
	Total Aerobic microbial plate counts	AOAC 966.23C / Incubator
	Yeast and Moulds	AOAC 966.23C / Incubator
	Escherichia coli	AOAC 966.23C / Incubator
	Salmonella spp	AOAC 966.23C / Incubator
	Shigella spp	AOAC 966.23C / Incubator
	Staphyloccocus spp	AOAC 966.23C / Incubator
	Coliform Bacteria	AOAC 966.23C /Incubator
	Pseudomonas Aeruginosa	AOAC 966. 23C / Incubator