



Certificate of Accreditation

This is to certify that

GRACELAND ANALYTICAL LABORATORY LIMITED
NO 4 IGWEBUIKE SCHOOL ROAD, OFF ZIK'S AVENUE, AWKA, ANAMBRA STATE

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

ISO/IEC 17025:2005

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 Service:



Issue date: **October 31, 2019**
Validity through: **December 01, 2020**

Scope of Accreditation

Chemical Testing Laboratory

GRACELAND ANALYTICAL LABORATORY LIMITED

NO 4 IGWEBUIKE SCHOOL ROAD, OFF ZIK'S AVENUE, AWKA, ANAMBRA STATE

Schedule NO.:T0017

Issue No. 1: 31 10, 2019

Valid to : 01 12, 2020

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
Flour and Flour based products	Moisture content	AOAC 934.01	Dry oven
	Ash content	AOAC 942.01	Furnace
	Protein	AOAC 2001.11	Kjeldhal
	Crude Fat	AOAC 920.39	Extraction
Water	Chloride	APHA 4500-Cl-B	Titrimetric
	Total hardness	APHA 4500	Titrimetric
	Copper		Photometric
	Nitrates		Photometric
	Zinc		Photometric
	Conductivity		Conductivity meter
	TDS		Conductivity meter
Oil	Acid value	AOAC 940.28	Titrimetric
	Free fatty acid	AOAC 940.28	Titrimetric
	Iodine value	AOAC 920.159	Titrimetric