



Type: Initial accreditation



Certificate of Accreditation

This is to certify that

**NIGERIAN STORED PRODUCTS RESEARCH INSTITUTE, CENTRAL
LABORATORY SERVICES**

Km 3, Asa-Dam Road, P.M.B. 1489, Ilorin, Kwara 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. T0030

Issue date: **June 30, 2022**
Validity through: **June 29, 2024**

Scope of Accreditation

Chemical Testing Laboratory

Nigerian Stored Products Research Institute, Central Laboratory Services
Km 3, Asa-Dam Road, P.M.B. 1489, Ilorin, Kwara State

Schedule NO.: T0030

Issue No. 1: 30 06, 2022

Valid to: 29 06, 2024

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
Food Cereals and Cereals Products- Flour and Flour Products	Moisture content	AOAC 925.10 /Dry oven
	Total Ash content	AOAC 923.03 /Muffle furnace
	Protein	AOAC 2001.11 /Kjeldhal
	Crude fibre	AOAC 978.10 /Fritted glass crucible
	pH	AOAC 943.02 /Potentiometer
	Carbohydrate	AOAC 930.25 /By difference
	Total titrated table acidity	AOAC 942.15 /Titrimetric
	Total Fat Content	AOAC 963.15 /Extraction
	Elemental Analysis (Zn, Cd, Cu, Pb, Fe, Ca, Mg, Mn, Na, K & P)	AOAC 999.11 /AAS
Food and feed	Aflatoxins	AOAC 2005.08/HPLC
Oil and fat	Saponification number,	AOAC 920.16/Titrimetric
	Iodine value	AOAC 993.20/Titrimetric
	Peroxide value	AOAC 965.33/Titrimetric
	Refractive index	AOAC 921.08/Refractometric method
	Specific gravity	AOAC 985.19/Pycnometer

Materials/ Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications / Techniques Used
	Acid value/free fatty acid	AOAC 969.17/Titrimetric method
Fruit and fruit products	pH	AOAC 943.02/Potentiometric method
	Total titratable acidity	AOAC 942.15/Titrimetric
	Vitamin C or ascorbic acid	AOAC 976.21/Titrimetric