



Certificate of Accreditation

This is to certify that

**PRODUCTION, ANALYTICAL & LAB MANAGEMENT
DEPARTMENT (PALM) FEDERAL INSTITUTE OF
INDUSTRIAL RESEARCH OSHODI (FIIRO)**

3 FIIRO ROAD, CAPPABUS STOP, OSHODI, 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:



Issue date: **October 13th, 2025**
Valid through: **October 12th, 2027**

Scope of Accreditation

Chemical Testing Laboratory

PRODUCTION, ANALYTICAL & LAB MANAGEMENT DEPARTMENT (PALM)

FEDERAL INSTITUTE OF INDUSTRIAL RESEARCH OSHODI (FIIRO)

3 FIIRO ROAD, CAPPA BUS STOP, OSHODI, LAGOS, NIGERIA

Schedule NO.: TL0023

Issue No. 2: 13 10, 2025

Valid to : 12 10, 2027

Material or Products Tested	Types of Tests/ Properties Measured / Range of Measurements	Standard Specifications, Techniques/Equipment Used
CHEMICAL Food	Elementals	AOAC Official Method 999.11 using AAS
	Moisture	AOAC using Oven 925.10
	Ash	AOAC using Furnace 923.03
	Protein	FOSS Application Note: AN 300 Revision 11
	Crude Fibre	FOSS Application Note: AN 304 Application Sub note ASN 3428 Revision 2.4
	Fat	AOAC 963.15
	Water Soluble Vitamin A Fat Soluble Vitamin B	East, Central and Southern African Health Community. Manual of Laboratory methods for fortified foods (PT 111 First Edition 2007) AOAC 2001.13
	Iodine	iodometric titration
	Moisture in Oil	AOAC 926.12
	Saponification Value and Acid Value	AOAC 920.16
	Peroxide value	iodometric titration
NON-FOOD (Charcoal)	Ash	ASTM method (reapproved 2007)
	Moisture	ASTM method (reapproved 2007)
	Volatile	ISO 562 method: 2010
MICROBIOLOGY	Enumeration of Total plate count in food and water samples	Direct plate count method Reference ISO 4833-1-2013
	Enumeration of E-coli count in food and water samples.	Pour plate Count Method ISO 16649-3-2005