

ORGANIC TRADE & INVESTMENTS
 AIRPORT BYPASS – KIA
 ACCRA
 P.O BOX TT582
 TEMA N/T
 GHANA

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Date of Analysis: 20 June 2023

Product Name: Shea Olein (for Biofuel)
 Manufacturing Date: 16 June 2023
 Expiry Date: 15 May 2025
 Batch No.: OTI-SHOBF230616

TYPICAL CERTIFICATE OF ANALYSIS

CHARACTERISTICS MEASURED	TPC MEASURED VALUE
Appearance	Free flowing. Clear liquid
Odour	Characteristics
Color	Yellow
Solubility	Insoluble in water
Free Fatty Acid (%)	0.0 – 8.0
Moisture Content (%)	0.0 – 2.0
Iodine Value (wijs)	58 – 72 / 100g
Acid Value (mg KOH/g)	0.0 – 1.0
Peroxide Value (meg O2/kg)	0.0 – 10.0
Water Content (%)	0.0 – 0.10
Slip Melting Point (°C)	30 – 40
Relative Density	0.91 – 0.98
Unsaponifiable Matter (%)	≥ 6.0
FATTY ACID PROFILE	
C12 (%) Lauric	0.0 – 1.0
C14.0 (%) Myristic	0.0 – 1.0
C16.0 (%) Palmitic	3.0 – 8.0
C18.0 (%) Stearic	25.0 – 37.0
C18.1 (%) Oleic	50.0 – 60.0
C18.2 (%) Linoleic	6.0 – 11.0
C18.3 (%) Linolenic	0.0 – 1.0
C20.0 (%) – Arachidic	0.0 – 2.0



Shelf Life: 18 months

Storage: In a cool, dark place in the original tightly closed container.

CoA Conducted and Approved by Quality Assurance Manager: Mr. Kofi.

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