KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

P. O. Box 47400 – 00100 | TEL. +254 - 20 484 0000 | Nairobi, Kenya

Email: info@kenas.go.ke | Web: www.kenas.go.ke

# SCHEDULE OF ACCREDITATION

## INTERTEK CALEB BRETT TANZANIA LTD

### ISO/IEC 17025:2017

Testing Laboratory Number: **KENAS/TL/039**

**PERMANENT ADDRESS OF LABORATORY**

Intertek Caleb Brett TZN Limited

PLOT No. 5 Minazini Street

Kilwa Road, Kurasini

P.O. Box 77428

Dar es Salam - Tanzania

**Tel: +255 22 2850278/2850251**

**Email Address: lab.dar@intertek.com**

**Website: www.intertek.com**

**Laboratory Contact Person**

Julius Kamau

Approved by: _____ Date: 01-DEC-2024

KENAS ~~CEO~~/ Authorized Representative

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## SCHEDULE OF ACCREDITATION

| Testing Field | Test Object / Matrix | Test Parameter | Test Method | Type of Test | Measurement Range | Test Location |
|---|---|---|---|---|---|---|
| Chemistry | Cereal and Cereal Products | Moisture Content | ISO 712 | Gravimetric | 9-15%m/m | Agri-Laboratory |
| | | Ash Content | ISO 2171 | | 0.1-10%m/m | |
| | Cereals | Moisture | ISO 6540 | | 5-20%m/m | |
| | Cereals and Pulses | Moisture | Gafta 2.2/ ISO 24557 | | 1 - 20 % m/m | |
| | Cereals and Pulses | Protein | ISO 20483 | Kjeldahl | 0 - 95%m/m | |
| | Oil seeds | Moisture | ISO 665 | Gravimetric | 1-10%m/m | |
| | | Oil Content | ISO 659/ Gafta 3 | | 2-60% m/m | |
| | Tea | Moisture | ISO 1573 | | 2-10%m/m | |
| | | Total Ash | ISO 1575 | | 4-10%m/m | |
| | | Alkalinity | ISO1578 | Titrimetric | 0.5-5%m/m | |
| | Green Coffee | Moisture | ISO 6673 | Gravimetry | 1 - 20%m/m | |
| | Animal and Vegetable Fats and Oils | Free Fatty Acids (FFAs) | ISO 660 | Titrimetric | 0.1-90%m/m | |
| | Spices & Condiments | Moisture Content | ISO 939 | Gravimetry | 0 – 40% w/w | |
| | Spices & Condiments | Total Ash | ISO 928 | | 0 – 20% w/w | |
| | Agricultural Food Products | Crude Fibre | ISO 5498/ Gafta 10 | Gravimetry | 0 – 30% w/w | |
| | Liquid Petroleum Products | Kinematic viscosity | ASTM D445 | Physical | 0.5-5%m/m | Petroleum Laboratory |
| | | Density | ASTM D4052 | | 0.6800-0.9700kg/L | |
| | | Flash Point (PMCC) | ASTM D93 | | 19-400$^0$C | |
| | | Flash Point (Abel Cup) | IP 170 | | 19-71$^0$C | |
| | | Distillation | ASTM D 86 | | 36-400$^0$C | |
| | | Pour Point | ASTM D 97 | Volatility | -30-30$^0$C | |
| | | Water Content | ASTM D 95 | Gravimetric | 0-28%Vol | |
| | | Ash Content | ASTM D 482 | Gravimetric | 0.001-0.18%m/m | |
| | | Sediments by extraction | ASTM D 473 | Gravimetric | 0 – 4%m/m | |

| Testing Field | Test Object / Matrix | Test Parameter | Test Method | Type of Test | Measurement Range | Test Location |
|---|---|---|---|---|---|---|
| | | Conradson Carbon Residue | ASTM D 189 | Gravimetric | 0.01-30%m/m | |
| | | Cloud Point | ASTM D 2500 | Volatility | -20-15$^0$C | |
| | | ASTM Colour | ASTM D6045 / ASTM D1500 | Spectrophotometry | L0.5-8.0 | |
| | | Copper Corrosion | ASTM D 130 | Gravimetric | Class1-4 | |
| | Petroleum Products | Freezing Point | ASTM D7153 | Physical | +20 to -80$^0$C | |
| | | Reid Vapour Pressure | ASTM D5191 | Physical | 7 to 130kPa | |
| | | Sulphur Content | ASTM D4294 | Gravimetric | 0.0017-4.6%m/m | |
| | | | ASTM D5453 | | 1 -8000ppm | |
| | | Microseparometer | ASTM D3948 | Spectrometry | 50 - 100 | |
| | | Smoke Point | ASTM D1322 | Gravimetric | 15 – 40mm | |
| | | Asphaltenes | ASTM D3279 | Gravimetric | 0.5 – 30 %Wt | |
| | | Density | ASTM D1298 | Gravimetry | 0.6000 – 1.2500 Kg/L | |
| | | Calorific Value | ASTM D4868 | Gravimetry | 25 – 50 Mj/Kg | |
| | | Water Content | ASTM D6304 | Gravimetry | 20 – 25000 mg/kg | |
| | | Cetane Index | ASTM D976 | Gravimetry | 20 - 65 | |
| | | Specific Energy | ASTM D3338 | Gravimetry | 40.19 – 44.73 MJ/kg | |
| Chemistry | JET A-1 | Acidity | ASTM D3242 | Titrimetric | 0 -0.10 mgKOH/g | |
| | Gasoil and Lubricants | Total Acid Number | ASTM D974 | Titrimetric | 0.0 - 250mgKOH/g | |
| | Gasoline | Oxidation Stability | ASTM D525 | Gravimetric | 100 - 900 Min | |

## Accreditation History

| Type | Decision Date | Effective Date | Expiry |
|---|---|---|---|
| **Initial Accreditation** | 01-DEC-2017 | 01-DEC-2017 | 30-NOV-2020 |
| **1st Re-accreditation** | 16-JUN-2021 | 16-JUN-2021 | 30-NOV-2024 |
| **2nd Re-accreditation** | 01-DEC-2017 | 01-DEC-2024 | 30-NOV-2028 |

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This schedule is issued subject to the terms and conditions of KENAS Accreditation. It supersedes any other schedule(s) issued in the past

Approved by: _____ Date: 01-DEC-2024

KENAS ~~CEO~~/ Authorized Representative