



KENYA ACCREDITATION SERVICE

P. O. Box 47400-00100, TEL. +254-787-395679, +254-725-227640 Nairobi, Kenya

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

SCHEDULE OF ACCREDITATION

BIOLOGIC CALIBRATION SOLUTIONS LIMITED

ISO/IEC 17025:2017

Calibration Laboratory Number: **KENAS/CL/043**

PERMANENT ADDRESS OF LABORATORY

Biologic Calibration Solutions Limited

Sabaki Lane, off Mombasa Road

P.O. Box 7241-00100

Nairobi

Tel: +254 731 076 764

Email: info@biocal.co.ke; emmanuel@biocal.co.ke

Laboratory Contact Person

Emmanuel Wekesa

Technical Signatories

Emmanuel Wekesa – Mass, Volume, Temp, Pressure
Rotary Speed

Brian Chepsego – Mass, Volume, Temp, Pressure
Rotary Speed

Samuel Simiyu – Volume, Mass

Moses Ouko – Temperature, Pressure

Edwin Muloma – Rotary Speed/Volume

Newton Kiai – Mass, Temperature

Joshua Sang – Pressure, Rotary Speed

Date of expiry: 07-October-2024

Approved by: _____

KENAS CEO/Authorized Representative

Date: **02-February-2023**



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SCHEDULE OF ACCREDITATION

No	Calibration Field	Calibration Object	Measurand	Calibration Method	Standard	Range	Calibration and Measurement Capability (CMC)*	Sites
1.	Mass	Non-automatic weighing instruments	Mass	In-house: BCSL/LTP/005 Reference Methods: a) EA-4/02, b), EURAMET cg 18:2015	Standard masses ClassF1 Traceability BS/MET/2/3/88/699 Class M2 Traceability BS/MET/2/32/88/699	1mg to 30 kg 5kg to 250 kg	± 0.0008 g to 0.097 g ± 0.008kg to 0.2kg	Laboratory and Client Sites
2.	Temperature	Self-indicating Thermometers (Contact Thermometers)	Temperature	Internal Method BCSL/LTP/001 Reference Methods a) EA-4/02 b) OIML 133R, c) Technical Manuals	Low temperature Thermocouple Sensor, S/N. BCSL/E-01, 02, 03, Model: TCK Traceability BS/MET/4/3118/078 Calibrator S/N. 4058049 (BCSL/E- 033), Model: 725, Traceability Certificate: 3000100328 Thermo-hygrometer /Data Logger S/No. BCSL/E-009 Traceability KEBS/MET/4/3/118/077	-20°C to 130°C	± 1.5°C	Laboratory and client sites
		Conditioned Chambers (Ovens, incubators, Refrigerators, Freezers, Cold Rooms)	Temperature	Internal Method BCSL/LTP/001 Reference Methods a) EA-4/02 b) BS2648:1955, c) Technical Manuals	High temperature thermocouple indicator & Sensor, S/N. BCSL/E-010-, Model: HE801 Traceability BS/MET/4/3119/179	-80°C to 250°C	± 2.0°C	
3.	Pressure	Bourdon tube Pressure gauges	Gauge Pressure	Internal Method BCSL/LTP/006 Reference Method DKD-R 6-1:2014 EURAMET Cg 17	Digital Pressure Test Gauge serial no. NAIT1607137 Traceability BS/MET/5/3/77/09	0MPa to 40MPa	±0.061 MPa	Laboratory and Client Sites



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No	Calibration Field	Calibration Object	Measurand	Calibration Method	Standard	Range	Calibration and Measurement Capability (CMC)*	Sites
4.	Rotary Speed	Centrifuges	Speed	Internal Method BCSL/LTP/002 Reference Method IEC 61010-2 :2016	Digital Tachometer Traceability BS/MET/7/3/52/252	100 rpm to 50000 rpm	±1.2 rpm	Laboratory and Client Sites
5.	Volume	Micropipettes	Volume	Gravimetric method Reference method: ISO 8655	F1 Masses Traceability KEBS/MET/02/03/01/606 Weighing balance S/No BCSL/E-001 Traceability BS/MET/02/03/01/326 Weighing balance S/No. BCSL/E-003 Traceability BS/MET/02/03/01/327	10µL to 320µL	±2.0 µL (up to 30 µL) ±5 ml (up to 320 µL)	Laboratory and Client Sites

*The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%.

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	08-Oct-2020	08-Oct-2020	07-Oct-2024

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: 02-February -2023

KENAS CEO/Authorized Representative