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

LAB WORKS EAST AFRICA

ISO/IEC 17025:2017

Testing Laboratory Number: **KENAS/TL/057**

PERMANENT ADDRESS OF LABORATORY
NACHU PLAZA,13TH FLOOR RIGHT WING KIAMBERE ROAD,
UPPERHILL P.O.BOX 9599-00100 NAIROBI
Tel: +254 746349943/ +254 722956697/ +254 780546574
Email: info@labworksea.com
Website: www.labworksea.com

Laboratory Contact Person(s):
1. Grace Nderitu

Technical Signatories:
1. Grace Nderitu
2. Joseph Karanja
3. Claire Otula
4. Perpetual Twili
5. Cynthia Nabie
6. Sarah Wanderi
7. Lucy Olum

Expiry Date: 01-February-2027

Approved by: _____ Date: 29-June-2026

~~KENAS CEO~~/ Authorized Representative

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 – LAB WORKS EAST AFRICA TESTING LABORATORY

No.	Testing Field	Test Object/ Matrix	Test parameter	Test method	Type of test	Measurement Range	Test Location
1.	Microbiology	Food, Animal feed stuffs, & Environmental samples (Swabs), Milk and dairy products	Salmonella	LWTM-05 ISO 6579	Qualitative	Positive/ negative	Microbiology Laboratory
2.			E. coli	LWTM-02 ISO 16649-2	Enumeration	>10cfu/g	
3.			Coliforms	LWTM-01 ISO 4832			
4.			Yeasts and moulds	ISO 21527-2			
5.			Total viable count	LWTM-04 ISO 4833			
6.			Staphylococcus aureus	LWTM-03 ISO 6888-1	Quantitative	< 150cfu/ml or g	
7.			*Campylobacter* spp	ISO 10272-1	Detection	Presence/ Absence	
8.			*Clostridium perfringens*	ISO 15213-2	Enumeration	>10cfu/g	
9.			*Bacillus cereus*	ISO 7932			
10.			*Listeria monocytogenes*	ISO 11290-1	Detection	Presence/ Absence	
11.		Black Tea	*Escherichia coli*	ISO 16649-2	Enumeration	>10cfu/g	
12.			Yeasts and moulds	ISO 21527-2			
13.			*Staphylococcus aureus*	ISO 6888-1			
14.		Water and Wastewater	Coliforms	LWTM-08 ISO 9308-1	Quantitative	< 150cfu/ml or g	
15.			E. coli				
16.			Total viable count @ 22 C and @ 37 C	LWTM-07 ISO 6222		< 300cfu/ml or g	
17.			Intestinal enterococci	ISO 7899-2	Detection	Presence/ Absence	
18.			*Pseudomonas aeruginosa*	ISO 16266			
19.			Staphylococcus aureus	ISO 6888-1			
20.			Sulfite – reducing anaerobes (Clostridia)	ISO 6461-2	Part 1: Detection and enumeration		
21.		Cosmetics and personal hygiene products	Aerobic mesophilic bacteria	ISO 21149	Enumeration	>10cfu/g/ml	
22.			Candida albicans	ISO 18416	Detection	Presence/ Absence	
23.			Escherichia coli	ISO 21150			
24.			Staphylococcus aureus	ISO 22718			
25.			yeast and moulds	ISO 16212	Enumeration	>10cfu/g/ml	
26.			Pseudomonas aeruginosa	ISO 22717	Detection	Presence/ Absence	
27.	Chemistry	Food, potable water and Wastewater	Chloride	LWTP-08 MOHR'S method	Qualitative	1.47- 200mg/l	Chemistry Laboratory
28.			pH	LWTP-11 ISO 1770 ISO 10523	Qualitative	0-14	
29.			Sulphate	LWTP-10	Qualitative	5-250mg/l	

30.			Fluoride	LWTP-03		0.1-20mg/l
31.			Ammonium	LWTP-12		0.01-3mg/l
32.			Nitrate	LWTP-13		0.1-25mg/l
33.			Nitrite	LWTP-02		
34.			Al	KS ISO 12020		2-10mg/l
35.			Cr	KS ISO 9174		
36.			Na	KS ISO 9964-1		
37.			K	KS ISO 9964-1		
38.			Ni, Cu, Zn, Cd, Pb, Co	KS ISO 8288		
39.			Ca, Mg	KS ISO 7980		
40.			Fe	ISO 6332		25 mg/l
41.			Mn	ISO 6333		10 mg/l
42.	Chemistry	Black Tea	Acid Insoluble ash	KS ISO 1573	Gravimetry	>0.1 mg/Kg
43.			Total Ash content	ISO 1575	Gravimetry	>0.01%
44.			Water soluble ash (%)	ISO 1576		>0.1 mg/Kg
45.			Moisture Content	KS ISO 1573		
46.			Crude fiber	ISO 5498	Spectrophotometry	
47.			Iron	AOAC 999.11		
48.			Copper			
49.			Zinc			
50.	Chemistry	Food and Animal Feeds	Moisture content	LWTPCM-41-00 AOAC 930.15 ISO 6496	Gravimetry	>0.1 mg/Kg
51.			Acid insoluble ash	ISO 5983	Gravimetry	
52.			Vitamin A	AOAC 2001.13	HPLC	
53.			Crude Fat	ISO 6492 LWTPCM-44-00	Gravimetry	>0.01%
54.			Zinc	AOAC 999.11	Spectrophotometry ICP-OES	>0.1 mg/Kg
55.			Iron			
56.			Calcium			
57.			Phosphorus			
58.		Milk and Dairy Products	Density at 20°C	AOAC 925.22 LWTPCM-41-00	Gravimetry	
59.			Milk fat	AOAC 989.05		>0.001%
60.			pH	LWTP-26-00 EAS 27 Annex A	Potentiometry	1-14
61.	Chemistry		pH variation on 5 days incubation	LWTP-26-00 ISO 6492:1999		
62.			Protein	ISO 8968 PART 4	Kjedahl	>0.1 mg/Kg
63.			Total Solids	LWTPCM-42-00 AOAC 990.20	Gravimetry	>0.1 mg/kg
64.			Titratable acidity as lactic acid.	AOAC 947.05	Titrimetry	

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

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

65.		Vegetable oil	Iron (Fe)	AOAC 999.11	Spectrophotometry		
66.			Copper (Cu)				
67.		Alcoholic Beverages	Alcohol content	EAS 104:2014 LWTPCM 49	GCFID	>0.1%	
68.		Pharmaceutical Drugs, Veterinary drugs and agrochemical Formulation	Assay- Amitraz Albendazole Oxyclozanide Levamisole Lambda Cyhalothrin	LWTPCM 46.00	HPLC	>1%	
69.							
70.	Chemistry	Soil	Electroconductivity	LWTPCM-49-00	Conductometric	>1 uS/cm	
71.			pH	LWTPCM-48-00	Potentiometric	0-14	
72.			Phosphorus	LWTP-42-00	ICP – OES	>0.001 mg/kg	
73.			Aluminium			>0.006 mg/kg	
74.			Potassium			>0.0016 mg/kg	
75.			Calcium			>0.01 mg/kg	
76.			Zinc			>0.008 mg/kg	
77.			Sodium				
78.			Magnesium			>0.01 mg/kg	
79.			Iron			> 0.011 mg/kg	
80.			Boron			> 0.0089mg/kg	
81.			Manganese				
82.	Chemistry	Water	Calcium	KS ISO 11885 ICS 13.060.50	ICP-OES	>0.0167 mg/L	
83.			Magnesium			>0.0150 mg/L	
84.			Potassium			>0.0150 mg/L	
85.			Sodium			>0.009 mg/L	
86.			Aluminium			>0.005 mg/L	
87.			Copper			>0.006 mg/L	
88.			Zinc			>0.006 mg/L	
89.			Iron			>0.018 mg/L	
90.			Manganese			>0.005 mg/L	
91.			Cobalt				
92.			Nickel				
93.			Chromium			>0.004 mg/L	
94.		Fertilizer and Mineral Licks	Arsenic	AOAC 2006.03, AOAC 2017:2 LWTPCM 44.00	Spectrophotometry	>0.1ppm	
95.			Cadmium			>0.03ppm	
96.			Chromium			>0.6ppm	
97.			Lead			>0.3ppm	
98.			Nitrogen			>0.1%	
99.			Phosphorus			>0.32ppm	
100.			Potassium			>25.38ppm	
101.			Sulphur			>0.25 ppm	
102.			Calcium			>2.04 ppm	
103.	Chemistry	Multi-residue analysis of pesticides in vegetable	103 parameters as captured in annex  LIST OF 103 ANALYTES TO BE ACC	AOAC Method 2007.01/. Sante 11312/2021 V2 LWTPCM 47.00	GC-MSMS	0.005 – 0.2 ppm	

104.		Grains, nuts, cotton seeds, cereals and other commodities, including animal feeds.	Total Aflatoxins (B1, B2, G1, G2) and Aflatoxin B1	Helica® Total Aflatoxin Rapid ELISA	ELISA	0.2ppb-20ppb	

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Assessment	**02-FEB-2023**	**02-FEB-2023**	**01-FEB-2027**

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: 29-June-2026

~~KENAS CEO~~/ Authorized Representative