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

AQUALYTIC LABORATORIES LIMITED

ISO/IEC 17025:2017

Testing Laboratory Number: **KENAS/TL/045**

PERMANENT ADDRESS OF CAB

Winsford Park, Baba Dogo Road, Ruaraka, Nairobi

P.o. Box 4600 – 00506

NAIROBI.

Telephone: 0722547344

Email: lab@aqualyticlab.com

Website: www.aqualyticlab.com

Laboratory Contact Person:

Laban Waweru

Technical Signatories:

John Kiiru

Mugun Kipchumba

Laban Waweru

Robert Ngacha

Expiry Date: 29-September-2027

Approved by: _____ Date: 3rd-June-2026

KENAS CEO/ Authorized Representative

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SCHEDULE OF ACCREDITATION – AQUALYTIC TESTING LABORATORIES

S.NO	Testing Field	Test Object / Matrix	Test Parameter	Test Method	Type of Test	Measurement Range	Test Location
1.	Chemistry	Water (Drinking, & Wastewater)	Magnesium	AQL/TM/APHA/3500 Mg AQL/TM/CHEM/07	Titrimetric	1.2 - 100 mg/L	Aqualytic Chemistry Laboratory
			Calcium	AQL/TM/APHA/3500 Ca AQL/TM/CHEM/07		2.0 - 100 mg/L	
			Hardness	AQL/TM/CHEM/07		0.01- 400 mg/L	
			Chloride	AQL/TM/CHEM/05 AQL/TM/HACH/ISO/92797 AQL/TM/APHA/4500-Cl B		10 - 1000 mg/L	
			Sulphate	AQL/TM/APHA/4500 SO_4^{2-} E	Spectroscopy	2 - 70 mg/L SO_4^{2-}	
			Phosphate HR	AQL/TM/HACH/8114		0.3 - 45.0 mg/L $PO4^{3-}$	
			Manganese	AQL/TM/APHA/3111B		0.006 - 0.8 mg/L	
			Sodium	AQL/TM/APHA/3500-Na B		0.1 - 5 mg/L	
			Potassium	AQL/TM/APHA/3500-K B		0.1 - 5 mg/L	
			Iron	AQL/TM/APHA/3111B		0.02 - 1.8 mg/L	
			Copper	AQL/TM/APHA/3111B		0.04 - 2 mg/L	
				AQL/TM/HACH/8506		0.04 - 5 mg/L	
			Zinc	AQL/TM/APHA/3111B		0.02 - 2.0 mg/L	
			Cadmium	AQL/TM/APHA/3111B		0.005 - 1.8 mg/L	
			Cobalt	AQL/TM/APHA/3111B		0.01 - 2 mg/L	
				AQL/TM/HACH/8078		0.02 - 2 mg/L	
			Nickel	AQL/TM/APHA/3111B		0.01 - 2.4 mg/L	

				AQL/TM/HACH/8150			
			Chromium	AQL/TM/APHA/3111B		0.01 - 1.6 mg/L	
			Lead	AQL/TM/APHA/3111B		0.005 - 1.6 mg/L	
				ISO 15586		10 - 100 (g/l)	
			Arsenic	ISO 15586		10 - 100 g/l	
			Aluminium	ISO 15586		6 - 60 g/l	
			Oil and Grease	AQL/TM/HACH/10300	Gravimetric	5 - 1000 mg/L	
			TDS	AQL/TM/APHA/2540C		10 - 2000 mg/L	
		Water (Drinking, Process & Wastewater)	Fluoride	AQL/TM/HACH/8323	Potentiometric	0.1 - 10.0 mg/L	
			pH	AQL/TM/HACH/8156		0 – 14 pH units	
			Electrical Conductivity	AQL/TM/HACH/8160		0.01 S/cm – 200,000 S/cm	
			Phosphorous	AQL/TM/HACH/8048		0.02 - 2 mg/L	
			Ammonia	AQL/TM/HACH/10001		0.1 - 10.0 mg/L NH_3–N	
			Biological Oxygen Demand (BOD)	AQL/TM/HACH/10360		2 - 2032 mg/L	
			Chemical Oxygen Demand (COD)	AQL/TM/HACH/8000	Spectroscopy	0.7 - 1500 mg/L	
2.	Microbiology	Food, Animal Feeds, Hygiene Swabs (Personnel and Surface)	Escherichia coli	KS ISO 16649-2 (AQL/EXT/DOC/057)	Enumeration	10-300 cfu/ml	Aqualytic Microbiology Laboratory
			Total Plate Count	KS ISO 4833-1 (AQL/EXT/DOC/058)		10-300 cfu/ml	
			Coliforms	KS ISO 4832 (AQL/EXT/DOC/014)		10-300 cfu/ml	
			Enterobacteriaceae	KS ISO 21528-2 (AQL/EXT/DOC/060)		10-300 cfu/ml	

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		Water (Drinking and Process)	Clostridium perfringens	ISO 14189	Enumeration	cfu/100ml	
			Escherichia coli and Coliform bacteria	KS ISO 9308-1 (AQL/TM/BACT/01)		cfu/100ml	
			Legionella	KS ISO 11731		1-3000cfu/litre	
			Pseudomonas aeruginosa	KS ISO 16266		cfu/100ml	
			Total Plate Count	KS ISO 6222		1-300cfu/ml	
			Intestinal enterococci	ISO 7899-2		cfu/100ml	

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Assessment	30-Sept-2019	30-Sept-2019	29-Sept-2023
1st Re-accreditation	07-Dec-2023	07-Dec-2023	29-Sept-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: 3rd-June-2026

KENAS ~~CEO~~/ Authorized Representative