

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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**Doc No :**

PDAE103

**Date :**

01-04-2025

**Brand :**

AQUASOL

**Product Code:**

AE103

**PRODUCT DATA SHEET****1 INFORMATION**

Code - AE103

Name - Drinking Water Combination Test Kit

Range - Multi Parameters

No of Tests - 1800

Shelf Life - 24 Months

**2 DETAILS**

Drinking water is supposed to be safe for consumption by humans and animals. Water may be naturally safe or it may need to be treated in order to be safe. Water which is not safe to drink can carry diseases and heavy metals. Our AE103 - DRINKING WATER COMBINATION TEST KIT is easy and accurate and reliable to use.

**2 RANGE**

Parmeter	Range	Method	No of Tests
pH	4 to 10	Colour Comparator	200
Turbidity	1 to 25 as NTU	Colour Comparator	200
Total Hardness	10-200 and 50-1000 PPM (MG/L)	Drop Test	200
Chloride	10-200 and 50-2000 PPM (MG/L)	Drop Test	200
Free Chlorine (DPD)	0.1-2.0 PPM (MG/L)	Drop Test	200
Iron (Dissolved)	0 - 2.0 PPM (MG/L)	Colour Comparator	200
Fluoride	0.1-2.0 PPM (MG/L)	Drop Test	200
Nitrate	0.5-50 PPM (MG/L)	Colour Comparator	200
Alkalinity	10-200 and 50-1000 PPM (MG/L)	Drop Test	200

**3 REAGENTS AND ACCESSORIES**

Reagents:	TH1S	CD1	AK4	FD3	FE3	HNT1	HNT3
	TH2	TH5	TH6	FE1	FE2	FC1	
	CD2	CD3	CD4	FD1	FD2A	FD2B	
	AK2	AK3L	PH1	FC2	HNT2	FD4L	

Colour Comparator :	pH	Iron	Nitrate
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Accessories:	Plastic Test jar	Plastic Spoon	Glass Test jar (10ml/25ml)
	Plastic Syringe(2ml/5ml)	Comparator Tubes	Push Pin

**4 STORAGE**

The test reagents are stable up to the date stated on the pack when stored closed at ambient temperature

**5 REFERENCE**

APHA Standard Methods, 22nd ed., Method 2340-C – Standard Methods for Chemical Analysis of Water and Waste water. Diehl, H., C.A. Goetz & C.C. HACH. 1950.