

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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**Doc No :** TDSAE412**Date :** 01-02-2025**Brand :** AQUASOL**Product Code:** AE412

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**PRODUCT DATA SHEET**

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**1 INFORMATION**

Code - AE412

Name - Amine Test Kit

Range - 1 - 20 PPM (Mg/L)

No of Tests - 500

Shelf Life - 12 Months

**2 METHOD**

IS standard method.

**3 APPLICATION**

Drinking Water, Mineral Water, Well Water, Swimming Pool Water, Surface and Ground Water, Aquaculture, Boiler Water, Process Water, Industrial Wastewater, Effluent Water, Cooling System Water, Chiller Water etc

**4 INTERFERENCE**

Not Known

**5 METHOD CONTROL**

To Check test reagents,

Preparation of 1000 ppm Amine standard solution: Take 0.87ml of Cyclohexylamine in 1000 ml standard volumetric flask, add demineralised water mix well , Dilute it with demineralised Water up to the mark ,stir well .

**6 REAGENTS AND ACCESSORIES**

Reagents: AM1 (1No), AM2L(2 no)

Accessories: 25 ml Test jar , Spoon, Procedure Label(1Nos).

**7 STORAGE**

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

**8 REFERENCE**

IS standard method.

**8 DIRECTION FOR USE**

1. Take 10 ml of sample in a test jar.
2. Add one spoon of AM 1. Mix well to dissolve.
3. Now drop wise\* add AM 2L, counting the number of drops while mixing until the colour changes from Blue to Pale Yellow.

Calculations:

Amine ppm as Cyclohexylamine = 1 X (No. of drops of AM 2L)

Note: Only for Boiler condensate water