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Doc No :	PDAE304
Date :	01-02-2024
Type :	AQUASOL
Product Code:	AE304

PRODUCT DATA SHEET

1 INFORMATION

CODE: AE304 PARAMETER: HYDRAZINE RANGE: 0.1 - 1.25 mg/l as Hz

2 METHOD

Method adopted from APHA standerd 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 100 ppm Hydrazine standard solution: Take 406 mg of Hydrazinium Sulphate in 1000ml standard volumetric flask, Dilute it with Demineralised water, stir well.

6 REAGENTS AND ACCESSORIES

Reagents: HZ1(3Nos), HZ2(1Nos)
Accessories: 25 ml Test Jar(1Nos), Procedure Label(1Nos), Spoon, comparator tube(2 Nos.), syringe, Colour chart

7 STORAGE

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

8 REFERENCE

APHA Standard Methods, 22nd ed., Method 4500- F - B Standard Methods for Chemical Analysis of Water and Waste water.

9 DIRECTION FOR USE

1.Take 0.5 ml of sample in the test tube provided.
2.Add 40 drops of HZ 1, shake well.
3.Add two spoonful of HZ 2, mix well.
4.Dilute the above mixture up to mark 5 ml with DM water. Shake till HZ 2 dissolves completely.
5.Transfer the content in small comparator tube provided here.
6.Read the ppm HYDRAZINE as follows :
a.Place the comparator tube on the inner white circle, of the colour comparison chart.
b.View from the top of the comparator tube to compare the sample colour and the colour around.
c.Read the ppm HYDRAZINE as Hz after arriving at the correct match.
* Samples must analyzed immediately after collection and should not be preserved.
* If the water sample from boiler is already coloured, superimpose the sample with coloured standards of the comparator.