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Doc No :	PDAEHP
Date :	01-02-2024
Type :	AQUASOL
Product Code:	AEHP

PRODUCT DATA SHEET

1 INFORMATION

CODE: AEHP PARAMETER: HYDROGEN PEROXIDE RANGE: 5-100 & 25-500 ppm

2 METHOD

Classic chemical 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 500 ppm Hydrogen peroxide standard solution:

Take 41.7 ml of 50% Hydrogen peroxide Solution in 1000ml standard volumetric flask and dilute it to 1000ml with demineralised water.

6 REAGENTS AND ACCESSORIES

Reagents: HP1(1Nos), HP2(1Nos), HP3(1Nos), HP4L(1 No) .
Accessories: 10ml Test Jar(1Nos), Procedure Label(1Nos), Spoon.

7 STORAGE

NA

8 REFERENCE

Classic chemical method.

9 DIRECTION FOR USE

Direction for Use:

1.Fill the test jar with the water sample to be tested up to the 10 ml. mark.
2.Add 20 drops of HP 1. Mix well.
3.Add two spoonful (provided here) of HP 2. Mix well a black brown colour is obtained here.
4.Now drop wise* add HP3 counting the number of drops while mixing, until the solution becomes colourless.
5.If the expected ppm of hydrogen peroxide is more than 100 ppm then use HP 4L instead of HP3.

Calculations:

HYDROGEN PEROXIDE as ppm H_2O_2 = 5 x (No. of drops of HP 3)
= 25 x (No. of drops of HP 4L)