

**RAKIRO BIOTECH SYSTEMS PVT LTD**

R-466, TTC Industrial Area, MIDC

Rabale, Navi Mumbai - 400701

Tel No. +91-022-47804040

Email :- sales@rakiro.net

Doc No :

PDAEOZ3H

Date :

01-02-2025

Brand :

AQUASOL

Product Code:

AEOZ3H

PRODUCT DATA SHEET

1 INFORMATION

Code - AEOZ3H

Name - Ozone Test Kit

Range - 0.25 - 5.0 PPM (Mg/L)

No of Tests - 100

Shelf Life - 12 Months

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

6 REAGENTS AND ACCESSORIES

Reagents: FC1(1Nos), OZ2H(1Nos)

Accessories: 10ml glass Test Jar(1Nos), Plastic Spoon(1Nos), 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

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

9 Directions for Use:

- 1.Add 1 spoonful (provided herewith) of FC 1 in 10 ml glass test Jar.
- 2.Add water sample up to 10 ml mark and mix.
- 3.If a pink colour does not develop, OZONE is not present.
- 4.If a pink colour appears, OZONE is present.
- 5.Now dropwise* add OZ 2H, counting the number of drops while mixing, until the pink colour disappears.

Calculation:

$$\text{OZONE as ppm O}_3 = 0.25 \times (\text{No. of drops of OZ 2H})$$

Note:-

- * Once the end point (colourless) has reached, kindly ignore if the pink colour reappears after sometime.
- * Reagent FC1 is highly sensitive to air, Kindly close the lid of the bottle immediately after the use.
- * Ensure that only dry spoon is used to handle the FC1 Reagent.

*This test is applicable in the absence of Chlorine,Chlorine dioxide,Bromine,Iodine, Hydrogen peroxide and other oxidising agent.

* For controlled addition of drops, follow instructions on the dispenser