

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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**Doc No :** PD AEOZ3**Date :** 01-02-2024**Type :** AQUASOL**Product Code:** AEOZ3**PRODUCT DATA SHEET****1 INFORMATION**

CODE: AEOZ3

PARAMETER: OZONE

RANGE: 0.05 - 1.0 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

**6 REAGENTS AND ACCESSORIES**

Reagents: FC1(1Nos), OZ2(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 2, counting the number of drops while mixing, until the pink colour disappears.

Calculation:

OZONE as ppm O<sub>3</sub> = 0.05 X ( No. of drops of OZ 2)

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