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Doc No :	PDAE220
Date :	01-02-2025
Brand :	AQUASOL
Product Code:	AE220

PRODUCT DATA SHEET

1 INFORMATION

Code - AE220 Name - Fluoride Test Kit

Range - 0 - 3.0 PPM (Mg/L) No of Tests - 200 Shelf Life - 24 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

None

5 METHOD CONTROL

To Check test reagents,

Prepare 1000 mg/l Chloride standard - Take 2.21 Gms of sodium Fluoride in 1000ml standard volumetric flask, Dilute it with Demineralised water up to 1000ml mark, stir well. Dilute this standard solution with distilled water to 10 mg/l F, and analyse as described in procedure card.

6 REAGENTS AND ACCESSORIES

Reagents: CFD1(1NOS), CFD2(1NOS)
Accessories: 10 ml Test Jar(1Nos), Procedure Label(1Nos),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

Classic chemical method.

9 DIRECTION FOR USE

1)Take 10 ml. of prepared sample in 10ml glass test jar.
2)Add 2 drops of reagent CFD1 and 15 drops of reagent CFD2.
3)Mix the contents thoroughly. Keep for 15 minutes.

5.Read the ppm Flouride as follows:
a)Place the test jar on the inner white circle of the colour comparison chart.
b)View from the top of the test jar to compare the sample colour and colour around.
c)Read the ppm Flouride as F after arriving at the correct match.
* Preparation of Sample

*Prepared Sample: The pH of water should be preferably neutral. Therefore neutralize highly acidic or alkaline sample to pH 6.5 to 7.5.