



HOLISTA TRANZWORLD PRIVATE LIMITED

2/91, MARAVANMADAM, ANTONIYARPURAM, TUTICORIN -628 101

Doc No : HTPL-SOP06

Food Safety and Quality Management System

Issue/Rev : 1.0

Lab Test Procedure SOP

Date : 19.09.2022

6.Total Dissolved Solids

Purpose:

To provide a standard method for determining Total Dissolved Solids of the water sample.

Equipment:

1. Digital TDS meter.
2. 250ml beaker.
3. Reagents & Chemicals
4. Distilled water.

Procedure:

1. Pour approximately 100ml of distilled water into the beaker and insert the conductivity cell probe.
2. Move the probe up and down several times to wash off any solids present in the cell and discard the water.
3. Pour approximately 100ml of water sample into the beaker. Measure the temperature of the sample and adjust the temperature correction dial on the conductivity meter to the corresponding temperature.
4. Insert the probe and move it up and down several times to ensure equilibrium and to displace any large air bubbles trapped at the top of the cell.
5. Measure the TDS in ppm is directly indicated on the display.

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