



บริการตรวจวิเคราะห์คุณภาพน้ำเพื่อการบริโภค (Service inspection of drinking water quality)

Suggestions for drinking water sample containers



Parameter	Container and Volume sample	Treatment Conditions
pH, Color, Turbidity, TS, TDS Total Hardness, Chloride	Plastic PP/ PE 2,000 ml	Refrigerate at 4 °C
Total Coliform Bacteria (TCB) Fecal Coliform Bacteria (FCB)	Bacteria sample bottle 100 ml	Refrigerate at 4 °C
Heavy Metals (Fe, Mn, Cu, Zn, Pb, Cr, Cd)	Plastic PP/ PE 500 ml	HNO ₃ 3-4 ml (pH<2) Refrigerate at 4 °C



Parameter analysis of drinking water

No	Parameters	Methods
1	pH	pH meter
2	Color	Visual Comparison Method
3	Turbidity	Turbidimeter
4	Total Solids (TS)	Dried at 103 – 105 °C
5	Total Dissolved Solids (TDS)	Dried at 180 °C
6	Total Hardness	EDTA Titrimetric Method
7	Chloride	Mohr method
8	Heavy Metals (Fe, Mn, Cu, Zn, Pb, Cr, Cd)	AAS (Flame)
9	Total Coliform Bacteria (TCB)	MPN Technique
10	Fecal Coliform Bacteria (FCB)	MPN Technique

