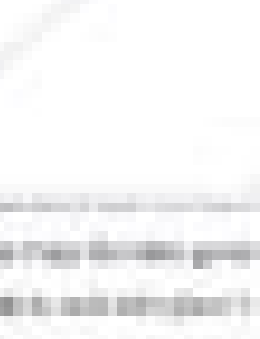


I'm not robot!





Analysis of water with hydrochloric acid

Add diluting 2.0% hydrochloric acid, stopper, shake and heating in a boiling water bath. When the water boils, collect the distillate (100 ml).

10. Place 100 ml of the distilled water into a 250 ml beaker.

11. Add 10 ml of 2.0% hydrochloric acid to the beaker.

12. Heat the mixture in a boiling water bath. When the water boils, collect the distillate (100 ml).

13. Add 10 ml of 2.0% hydrochloric acid to the beaker.

14. Heat the mixture in a boiling water bath. When the water boils, collect the distillate (100 ml).

15. Add 10 ml of 2.0% hydrochloric acid to the beaker.

16. Heat the mixture in a boiling water bath. When the water boils, collect the distillate (100 ml).

17. Add 10 ml of 2.0% hydrochloric acid to the beaker.

18. Heat the mixture in a boiling water bath. When the water boils, collect the distillate (100 ml).

19. Add 10 ml of 2.0% hydrochloric acid to the beaker.

20. Heat the mixture in a boiling water bath. When the water boils, collect the distillate (100 ml).

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No.	Compound	Approximate solubility	Colour of solution	Number of precipitates	Solubility of precipitates
1	NaCl	Very soluble	Colourless	0	None
2	KCl	Very soluble	Colourless	0	None
3	Na ₂ CO ₃	Very soluble	Colourless	0	None
4	NaHCO ₃	Very soluble	Colourless	0	None
5	Na ₂ SO ₄	Very soluble	Colourless	0	None
6	Na ₂ SiO ₃	Very soluble	Colourless	0	None
7	Na ₂ PO ₄	Very soluble	Colourless	0	None
8	Na ₂ VO ₄	Very soluble	Colourless	0	None

