

Reaction Practice

All reactions occur in aqueous solution unless otherwise noted.

1. calcium bromide + silver nitrate
2. silver metal + copper(II) chloride
3. potassium phosphate + calcium nitrate
4. solid strontium oxide + nitric acid
5. sodium sulfate + ammonium chloride
6. potassium hydroxide + hydrochloric acid
7. butane gas (C_4H_{10}) + oxygen
8. nickel metal + zinc chloride
9. magnesium nitrate + copper metal
10. lithium iodide + chlorine
11. barium metal + oxygen
12. sodium metal + water
13. sulfuric acid + barium nitrate
14. calcium nitrate + potassium hydroxide
15. potassium carbonate + hydrochloric acid
16. zinc metal + silver nitrate
17. bromine + sodium chloride
18. silver nitrate + copper metal
19. barium nitrate + sulfuric acid
20. nitrogen gas + hydrogen gas
21. nitrate ions + zinc metal in acidic solution; products include Zn^{2+} and NH_4^+
22. sulfate ions + copper metal in acidic solution; products include Cu^{2+} and sulfur dioxide gas
23. CrO_2^- + ClO^- in basic solution; products include chloride ion and chromate ion
24. permanganate ion + bromide ion in acidic solution; products include bromine and MnO_2
25. H_2S gas + iodine in acidic solution; products include sulfur and iodide ions