LIST OF DIAGRAMS

Diagram - 1 Diagram showing the apparatus used for the thermal decomposition of manganese nitrite, and studying the reactions in molten nitrites and nitrates.

Diagram - 2 Diagram showing the apparatus used for gas analysis

Diagram - 3 Diagram showing the method and technique of preparation of dinitrogen tetroxide

Diagram - 4 Diagram showing the apparatus and technique of studying action of liquid dinitrogen tetroxide on manganese monoxide and manganese dioxide

Diagram - 5 Diagram showing the apparatus and technique of studying action of dinitrogen tetroxide and its thermal dissociation products on manganese monoxide and manganese dioxide