

FERRATE

Meaning: Ferrate refers to a chemical compound containing iron in a high oxidation state, typically used for its strong oxidizing properties in applications such as water treatment.

1. Ferrate compounds are often used in water treatment processes due to their strong oxidizing properties.
2. The discovery of new ferrate applications has sparked interest in sustainable chemistry.
3. Researchers are investigating the use of ferrate as a potential alternative to traditional chlorine disinfectants.
4. Ferrate-based catalysts can enhance the efficiency of various chemical reactions in industrial settings.
5. In environmental science, ferrate is recognized for its ability to degrade pollutants in contaminated water.

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