PERMANGANIC

Meaning: Permanganic refers to a chemical compound or ion containing manganese in a high oxidation state, typically associated with the deep purple permanganate ion (MnO4?) known for its strong oxidizing properties.

1. Permanganic acid is often used in titrations due to its strong oxidizing properties.
2. The permanganic ion is a deep purple color, which makes it easy to detect in solution.
3. Inorganic chemists frequently study permanganic compounds for their unique reactivity.
4. When heated, permanganic salts can decompose to release oxygen gas.
5. Researchers are exploring the applications of permanganic solutions in organic synthesis.

Source: sentences.whatistheurl.com

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