

CALORIMETRIC

Meaning: Calorimetric refers to the measurement of heat transfer associated with chemical reactions or physical changes, particularly in the context of assessing heat capacity and thermal stability.

1. Calorimetric analysis is essential in determining the heat capacity of materials.
2. The research focused on calorimetric measurements to assess the thermal stability of the compound.
3. Calorimetric techniques can provide insight into the energy changes during chemical reactions.
4. In the lab, we used a calorimetric method to measure the enthalpy of combustion.
5. Understanding calorimetric data is crucial for developing new energy-efficient materials.
6. The calorimetric curve indicated a sharp increase in temperature during the reaction.
7. Researchers often employ calorimetric studies to analyze phase transitions in substances.
8. The calorimetric results supported the hypothesis about the reaction kinetics.
9. Calorimetric experiments can be quite sensitive, requiring precise temperature control.
10. The team's findings were published in a journal dedicated to thermodynamic and calorimetric research.

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