

# CALCINE

*Meaning: To calcine means to heat a substance to high temperatures in order to bring about thermal decomposition or remove volatile substances, often used in the extraction of metals from ores.*

1. The scientists decided to calcine the ore to extract the desired metals.
  2. During the experiment, they needed to calcine the sample at a specific temperature.
  3. Calcining the limestone produced quicklime for the construction project.
  4. To achieve a purer product, it is essential to calcine the material thoroughly.
  5. The pottery was calcined in a kiln to enhance its durability and strength.
  6. In metallurgy, calcining is a crucial step in refining certain minerals.
  7. The furnace was set to calcine the minerals efficiently and effectively.
  8. After the initial processing, the team will calcine the residue to recover valuable components.
  9. Calcination often leads to significant changes in the chemical properties of the material.
  10. The environmental impact of calcining processes is an important consideration in industrial settings.
  11. To calcine the sample material, we heated it to a high temperature in the absence of air.
  12. The process of calcining limestone transforms it into quicklime through thermal decomposition.
  13. Researchers aim to calcine the ore to extract valuable metals more efficiently.
  14. The calcined clay was used as a binder in the production of eco-friendly cements.
  15. During the experiment, we observed how the properties changed after calcining the minerals.
  16. Calcining the raw materials can significantly enhance the performance of the final product.
  17. The laboratory successfully calcined the sample, resulting in a pure and reactive powder.
  18. In ceramics, calcining is crucial for achieving the desired hardness and durability.
  19. He explained that calcined materials often have improved porosity and surface area.
  20. Understanding the calcination process is vital for industries dealing with metal extraction.
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