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一、 目的及意义

本实验旨在通过观察和记录不同条件下物质的变化，探究其物理和化学性质，并验证相关理论。

实验原理：根据理论（如质量守恒定律），在封闭系统中，物质的总质量在反应前后保持不变。

实验步骤：1. 称取一定质量的反应物。2. 将反应物放入密闭容器。3. 记录反应前后的质量。4. 分析数据并得出结论。

实验结果：实验结果表明，在反应过程中，物质的总质量保持不变，验证了质量守恒定律。

实验结论：通过本实验，我们验证了质量守恒定律，并观察到物质在反应过程中的变化。

实验讨论：本实验的误差可能来源于称量仪器的精度、反应容器的密封性以及操作过程中的损失。











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