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| **Lab Title: Name:**  **Law of Conservation of Mass** | |
| **Date: Period:** | |
| **Lab Question:**  **Can I disprove the Law of Conservation of Mass** | |
| **Hypothesis:** | |
| **Materials:**  **1 small zip lock bag**  **Triple beam balance**  **NaHCO3**  **CH3COOH**  **Beaker** | **Observations:** |
| **Procedures:**  **Place 10g of NaHCO3 and 50ml of CH3COOH in a zip lock bag, keeping the contents separate.**  **Weigh and record the mass before mixing the contents.**  **Mix the contents, allow the reaction to finish, weigh and record the mass.** | **Conclusions:** |