

Yield and Excess: Competition Corner

Week 32 | Model product collection cautiously

Competition Corner

Paper data only; sources in `sources.md`. Explain why yield is a collection measurement, not lost atoms.

1. A theoretical yield is 24.0 g and collected product is 18.6 g. Calculate percent yield and give two non-atom-loss explanations.
2. Design a safe data table that separates limiting reactant, theoretical yield, collected yield, and a measurement limitation.
3. Defend or reject: “A 103% yield means the reaction created mass.”