

Post-Laboratory Review Questions

1. Calculate the moles of precipitated calcium carbonate, CaCO_3 . Enter this value in the Data Table.
2. Calculate the molar mass of the unknown carbonate. Enter this value in the Data Table.
3. From the calculated molar mass, identify the unknown. Calculate the percent error in the molar mass value. Enter both values in the Data Table.
4. Review the procedure and list possible sources of errors that would cause the molar mass of the unknown to be (a) too high or (b) too low.