Answer on Question #64549, Chemistry / General Chemistry

if you did not drive off all the carbon dioxide and water from the basic copper(II) carbonate, you would not get the correct percentage CuO. would your percent be too high or too low? Why?

**Answer**

$$[CuOH]_2CO_3 \xrightarrow{t} 2CuO+CO_2+H_2O$$

It needs to drive off some reaction products for $[CuOH]_2CO_3$ to be completely decomposed. Carbon dioxide and water accumulation slows the speed of reaction. Decomposition of the salt will stop.