(a) Empirical Formula Determination (Mole Ratios) Mg + Oz - Mgx Uy Mg = 0.353gMyx Dy = 0.585g 0.353 g Mg x Ind Mg = 1.45 x 10 -2 mol Mg 24.3 g Mg $(0.585 - 0.353)_{g0} \times \frac{\text{Imol}0}{16g0} = 1.45 \times 10^{-2} \text{mol}0$ 1.45 × 10 mol Mg = 1 1.45 × 10 mol Mg = 1 1.45 x 10-2 mol Mg 1.45×10-mol 0 ← smallest value. x=1 y=1 Percent yield (= Actual Yield (x100)
Theo. Yield 6 Theo. yield Co = I g Zn = Imol Zn - Imol Co . 63.55 g Co = I g Co · Slip Zu in Coxcly slu. . scrape off Cu from Zu with glass rod, carefully with no spills. · lake plastiz coating off. · Setup filter + flask + buchur fund, + aspirator. · Cux Cly [] = · Reaction flask over white Paper. · Discard Co in Cantacher, Zu she in sinks, solid to in continued

Furpinical Formula of Cux Cly

NEXT: LAB > Reachvity of Metals