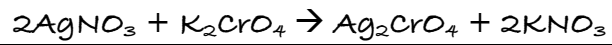


When potassium chromate (K_2CrO_4) is added to a solution containing 0.500 g silver nitrate ($AgNO_3$), solid silver chromate (Ag_2CrO_4) is formed.



a) Determine the theoretical yield of the silver chromate

b) Determine the theoretical yield of the silver chromate

Why is the percent yield typically less than 100%?

Summary: