

1 mole of p-nitrophenol creates 1 mole of p-aminophenol

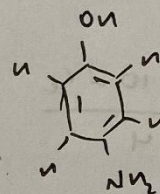
Experimental mass = 12 g

Molecular mass = $6 \times 12 + 7 + 14 + 16$

= $72 + 7 + 14 + 16$

= 109 g/mol

= 109 g in 1 mole



$$\therefore \% \text{ yield} = \frac{12}{109} \times 100 = 11.01\%$$