Dik:

V = 100ml

pH = 5

Mr = 132

Kb = 1 x 10-5

Dty : m ....?

Jwb :

pH = 5

H+ = 10-5

H+ = $\sqrt{\frac{Kw}{Kb}\left[M\right]}$

10-5 = $\sqrt{\frac{10^{-14}}{10^{-5}}\left[M\right]}$

10-5 = $\sqrt{\left[10^{-9}\right]\left[M\right]}$

10-10 = $\left[10^{-9}\right]\left[M\right]$

 M = 10-1

M = $\frac{m}{Mr}\frac{1000}{V}$

 10-1 = $\frac{m}{132}\frac{1000}{100}$

 $\frac{10^{-1}\left(132\right)}{10}$ = m

m = 1,32 gr