Answer on Question #60882 – Chemistry – General Chemistry

Question:

A medical solution used in a hospital 0.9% by mass NaCl. How many grams of NaCl are present in 100g of solution?

Answer:

$c = 100\% \times m_{NaCl}/m_{solution}$

then $m_{NaCl} = c \times m_{solution} /100\% = 0.9*100/100 = 0.9$ g

So mass of NaCl which is present in 100g of solution is **0.9 g**.