Question #85143, Chemistry / General Chemistry | for completion

How many moles of NaCl are present in 25.0 g of a 3.5% by mass solution?

Solution:

$m(\text{NaCl}) = 25g \cdot 0.035 = 0.875 \ g$

$n(\text{NaCl}) = \frac{0.875g}{58.4 \ g/mol} = 0.01498 \ \text{mol}$

Answer: 0.01498 mol

Answer provided by www.AssignmentExpert.com