

4

Masa = 49.04  
 Solusi = 250 ml / 1000 = 0.25 L

H = 2 x 1 = 2  
 S = 1 x 32 = 32  
 O = 4 x 16 =  $\frac{64}{0.8}$

$\frac{49.04}{98} = 0.500$        $\frac{0.500}{0.25} = 2$

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PM = 98/mol    (98)(0.25) = 24.5       $\frac{49.04}{24.5} = 2$

*Activity*

1

Masa = 82.5      C = 2 x 12 = 24       $\frac{82.5}{46} = 1.793$   
 Volumen = 0.45      H = 6 x 1 = 6       $\frac{1.793}{0.45} = 3.98$   
                                     O = 1 x 16 = 16       $\frac{16}{46}$

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PM = 46/mol    (46)(0.45) = 20.7       $\frac{82.5}{20.7} = 3.98$

2

Masa = 4.78       $\frac{4.78}{7} = 0.682$   
 Volumen = 7000 ml / 1000 = 7 L

3

Masa = 3.65      H = 1 x 1 = 1       $\frac{3.65}{36} = 0.101$   
 Volumen = 2      Cl = 1 x 35 =  $\frac{35}{36}$        $\frac{0.101}{2} = 0.050$

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PM = 36/mol    (36)(2) = 72       $\frac{3.65}{72} = 0.050$