

Answer on Question #77541, Chemistry / General Chemistry

Question:

A KOH solution that has a pH of 11 contains...

Solution:

pH + pOH = 14, so:

$$\text{pOH} = 14 - 11 = 3$$

Concentration of OH⁻: $[\text{OH}^-] = 10^{-\text{pOH}} = 10^{-3}$

Answer:

10^{-3} mol/L KOH

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