

Answer on Question #62457 - Chemistry - General Chemistry

Question:

Molarity of 0.39 mol of LiNO_3 in 6.28 L of solution

Solution:

Molarity of solution shows number of moles of solute in 1 L of solution.

If 6.28 L of solution contains 0.39 mol of LiNO_3 than 1 L of such solution contains $0.39\text{mol}/6.28\text{L}$
 $= 0.06 \text{ mol/L}$.

Answer:

The molarity of LiNO_3 solution is 0.06 mol/L.