

Answer on Question #80581, Chemistry / General Chemistry

How to make 500 ml of 1 micro mole per ml glucose solution and how to make 500ml of 1micro mole per litre glucose solution?

Answer:

$$M_1V_1 = M_2V_2.$$

$$M_1V_1 = 0.025M \times 500mL.$$

$$1 M / 0.025 M = 40$$

$$500 mL/40 = 12.5 mL$$

Answer provided by AssignmentExpert.com