0.099913175 moles of calcium carbonate is the solute in some mass (in grams) of solution coming to a concentration of 22 ppm. What is the mass of solution?

M (cacO₃) = h (lacO₃) × M (cacO₃);
M (cacO₃) = 100,0869 g/nucles;
M (lacO₃) = 0,099913175 nucles × 100,08690g/nucles.

$$\approx 100g$$

if Appm = 1 × 10 (g/g) - the ratio of the
mass of the solute to the mass of the
solution.
80, $22 \times 10^{-6}g$ solute — 19 solution
 $10g$ solute — $10g$ solution
 $10g$ solute) × 19 (solution)
 $10g$ (solute) × 19 (solution)
 $10g$ (solute) = $10g$ (solution)

Answer provided by www.AssignmentExpert.com