

Answer on Question #54438 – Chemistry – General Chemistry

Question

How much HCl is required to make 1 oz. of 25% HCl solution?

Answer:

1 oz. = 28.35 g

The mass of HCl in 1 oz. of 25% HCl solution is:

$$m(\text{HCl}) = 28.35 \cdot \frac{25\%}{100\%} = 7.09\text{g}$$

Answer: 7.09 g of HCl