Answer on Question #40077 - Chemistry - Inorganic Chemistry

How many grams of CO2 are produced if 9.53 grams of C2H5OH are produced?

Solution

9.53 g x g

$$C_2H_5OH + 3O_2 = 2CO_2 + 3H_2O$$

46 g 88 g

By proportion:
$$x = \frac{9.53 g*88 g}{46 g} = 18.23 g$$

Answer: 18.23 g