

**WEEK 100 11 - Respiration & Photosynthesis**

20

Lab Number: \_\_\_\_\_ Lab Day & Time: \_\_\_\_\_  
 Name: \_\_\_\_\_

**OBJECTIVE**

Temperature of Water Bath: \_\_\_\_\_ °C

Weight of Plant: \_\_\_\_\_ g.  $\pm$  0.01 or \_\_\_\_\_ g (not of *Sporophylls*)

Weight of Moisture: \_\_\_\_\_ g

**TABLE 100-1 (100-10000)**

Time (min)	Evolution of $O_2$ in percent (with the $CO_2$ )	Evolution of $O_2$ in percent (with the $CO_2$ by $W_1/W_2$ )
0		
5		
10		
15		
20		
25		
30		
TOTAL $CO_2$ evolved		
Calculated Molecular Mass and $CO_2$ evolved		

**TABLE 100-2 (100-10000) (100-10000)**

Time (min)	Molecular Mass for $CO_2$ and $CO_2$ evolved		Molecular Mass for $O_2$ and $O_2$ evolved	
	$CO_2$	$O_2$	$CO_2$	$O_2$
0				
5				
10				
15				
20				
25				
30				
Temp. Water Bath				