

DO NOT ATTACH THIS TO YOUR REPORT

**Lab 5 Scoring sheet**

Assessed item	Points possible	Points earned
Abstract — on a separate sheet, word-processed, follows format given, has information requested	3	
Under Purpose — Three math equations to be used in the calculations section ( $MM = mRT/PV$ , etc.)	1.5	
<b>Sketch</b> and <b>label</b> glassware (not just a list)	1	
(extra credit)	1	
Procedure —	1	
Procedure — Mention the size of the piece of dry ice that was used ( <i>not</i> the mass of the carbon dioxide)	1	
Procedure —	1	
Procedure — Mention that the stopper must be placed at the same position in the neck each time	1	
Procedure —	1	
Data — Table for all trials, should have units, proper number of sig figs	1	
Calculation — molar mass clearly shown for at least one trial, must include “empty flask” mass calc.	2	
Calculation — two trials molar masses must be shown to be within 5% of each other	1	
Calculation —	1	
Group results — all groups data recorded	0.5	
Group results —	1	
Outliers — any outliers? what criterion? and must show recalculated mean and std. dev w/o outliers	1	
Question 1 a —	0.5	
Question 1 b —	0.5	
Question 1 c —	1	
Question 2 —	1	
Question 3 —	1	
Conclusion — must have numbers and statements in the format described in the handout	2	
TOTAL	25	

