

## IB Chemistry Portfolio Assessment Sheet

Name of Student: \_\_\_\_\_

Date: \_\_\_\_\_

Title of Experiment: \_\_\_\_\_

		Complete	Partial	Not at all
<b>Planning (a)</b>	Defining the problem(s) or research question(s)			
	Formulating hypothesis(es) or prediction and is explained			
	Selecting any relevant variables			
<b>Planning (b)</b>	Selecting appropriate apparatus or materials			
	Designing a method for the control of variables			
	Designing a method for the collection of sufficient relevant data			
<b>Data Collection</b>	Collecting and recording raw data, (both qualitative and quantitative) with precision, units and uncertainties observed			
	Organizing and presenting raw data			
	Title on any tables			
<b>Data Processing and Presentation</b>	Transformed, manipulated and presented raw data to provide effective communication			
	Significant figures observed			
<b>Conclusion and Evaluation</b>	Conclusion related to hypothesis			
	Evaluated the procedure, the results of the experiment, includes the direction of error. Comparison to literature value.			
	Suggested modifications to procedures where appropriate. Error discussion appropriate to purpose			
<b>Manipulative Skills</b>	Carrying out a range of experimental techniques competently and safely. Following a variety of instructions.			
<b>Personal Skills (a)</b>	Working within a team, recognizing the contribution of others, exchanging and integrating ideas.			
<b>Personal Skills (b)</b>	Approaching investigation with self-motivation and perseverance, working in an ethical manner, environmental considerations.			
<b>Comments:</b>				