

I.B. CHEMISTRY

STANDARD LEVEL _____ HIGHER LEVEL _____

Name: _____

Investigation: _____

ASSESSMENT TABLE

CRITERION	ASPECT	C	P	N	LEVEL
Design	A focused problem/research question is stated clearly and the relevant variables are identified.				
	A realistic method that allows for the effective control of variables (and pays due attention to safety) is designed.				
	A method that allows for collection of sufficient relevant data (and excludes the collection of irrelevant data) is designed.				
Data Collection and Processing	Raw data (qualitative/quantitative) is recorded appropriately, including units and uncertainties where necessary.				
	The quantitative raw data is processed correctly.				
	Data/results are presented appropriately and effectively; where relevant, errors and uncertainties are taken into account.				
Conclusion and Evaluation	A valid conclusion (based on the correct interpretation of the results), with an explanation, is given; where appropriate, results are compared with literature values.				
	The procedure (apparatus, materials and method) including limitations, weaknesses or errors in manipulation is evaluated (discussion of the limitations of data analysis may be included)				
	Suggestions through realistic improvements on the investigation following the identification of weaknesses and limitations are stated.				
Manipulative Skills	Followed instructions; carried out a range of techniques; showed due attention to safety.				

KEY: 'C' = aspect fulfilled completely (2 marks),

'P' = only partially fulfilled (1 mark),

'N' = not at all (0 marks).