

Internal Assessment Criteria: Data Collection and Processing

Level/Marks	Aspect 1: Recording raw data	Checklist
Complete / 2	Records appropriate quantitative and associated qualitative raw data, including units and uncertainties where relevant.	Appropriate qualitative observations. Appropriate quantitative observations. All raw data (actual measurements) must be included. Units and uncertainties for all measured values must be included.
Partial / 1	Records appropriate quantitative and associated qualitative raw data, but with errors or omissions.	Proper number of significant figures included with all measured values. Data should be presented in suitable constructed tables with column headings.
Not at all / 0	Does not record any appropriate quantitative raw data or raw data is incomprehensible.	Tables must have suitable titles.
Level/Marks	Aspect 2: Processing raw data	Checklist
Complete / 2	Processes the quantitative raw data correctly.	Data is processed correctly.
Partial / 1	Processes the quantitative raw data, but with some mistakes and/or omissions.	
Not at all / 0	No processing or quantitative raw data is carried out or major mistakes are made in processing.	
Level/Marks	Aspect 3: Presenting processed data	Checklist
Complete / 2	Presents processed data appropriately and where relevant, includes errors and uncertainties.	Present the processed data in a suitable table with meaningful headings. Indicate any formula used in the processing of data.
Partial / 1	Presents processed data appropriately, but with some mistakes and/or omissions.	Propagated error and observed significant figures. If a graph is used: title, use labelled axes with units, appropriate scale, accurately plotted data points with suitable best fit line or curve. Determine slope/gradient and intercept of straight line.
Not at all / 0	Presents processed data inappropriately or incomprehensively.	