

Internal Assessment Criteria: Conclusion and Evaluation

Level/Marks	Aspect 1: Concluding	Checklist
Complete / 2	States conclusion with justification, based on reasonable interpretation of the data.	<p>Conclusion that is supported by data. Takes into account systematic and/or random errors and uncertainties. Percentage error is compared to error derived from propagation of uncertainties. Direction of error is discussed. Conclusion is related to literature value. Literature value referenced, if possible.</p>
Partial / 1	States a conclusion based on a reasonable interpretation of the data.	
Not at all / 0	States no conclusion or the conclusion is based on an unreasonable interpretation of the data.	
Level/Marks	Aspect 2: Evaluating procedure(s)	Checklist
Complete / 2	Evaluates weaknesses and limitations.	<p>Comment on the design and method. Comment upon the quality of the data. List of the weaknesses should include an assessment of their significance. Comment upon the precision and accuracy of the measurement. Comment on process, equipment and time management.</p>
Partial / 1	Identifies some weaknesses and limitations, but evaluation is weak or missing.	
Not at all / 0	Identifies irrelevant weaknesses and limitations.	
Level/Marks	Aspect 3: Improving the investigation	Checklist
Complete / 2	Suggests realistic improvements in respect of identified weaknesses and limitations.	<p>Improvements should be based on aspect 2. Modifications to experimental techniques. Modification to data range. Modification to improve precision and accuracy, and reproducibility of results. Modifications that will reduce random error. Modifications that will eliminate systematic error. Modifications should be realistic and clearly specified.</p>
Partial / 1	Suggests only superficial improvements.	
Not at all / 0	Suggests unrealistic improvements.	