



# AS PRACTICAL 15

## Identifying Organics 1 (Grid)

		CPAC Criteria												
		other	1	2a	2b	2c	2d	3a	3b	4a	4b	5a	5b	
Plan	Outlines tests would identify													
	Gives practical details for tests for													
	Plans a sensible sequence of tests that reduces need for excessive tests													
	Identifies main hazards													
	Identifies suitable control measures to reduce risk													
	Cites suitable references													
Suitable format and detail in references														
Gives some information about alternative tests and why not chosen														
Procedure & results	Followed own instructions carefully and independently													
	Identified													
Assessed risks during practical, taking appropriate safety measures														
Used appropriate safety equipment during the practical														
Recording	Good table													
	Full observations													

	Good evidence	Working towards	Description
1			Correctly follows instructions to carry out the experimental techniques or procedures.
2a			Correctly uses appropriate instrumentation, apparatus and materials (including ICT) to carry out investigative activities, experimental techniques and procedures with minimal assistance or prompting.
2b			Carries out techniques or procedures methodically, in sequence and in combination, identifying practical issues and making adjustments when necessary.
2c			Identifies and controls significant quantitative variables where applicable, and plans approaches to take account of variables that cannot readily be controlled.
2d			Selects appropriate equipment and measurement strategies in order to ensure suitably accurate results.
3a			Identifies hazards and assesses risks associated with these hazards when carrying out experimental techniques and procedures in the lab or field.
3b			Uses appropriate safety equipment and approaches to minimise risks with minimal prompting.
4a			Makes accurate observations relevant to the experimental or investigative procedure.
4b			Obtains accurate, precise and sufficient data for experimental and investigative procedures and records this methodically using appropriate units and conventions.
5a			Uses appropriate software and/or tools to process data, carry out research and report findings.
5b			Sources of information are cited demonstrating that research has taken place, supporting planning and conclusions.