



Footnote	Definition and/or test procedures and guidance for assessment	Importance	Reason	Score				
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	Definition and/or test							
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wavelengths, should be
interrogated using high gain.

Feature	Definition and/or test procedures and guidance for assessment	Importance	Reason	Score				
12 - Site geometry	Vertical rather than horizontal	I	The series of maximum signal	PS				

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	light. Score maximum for		procedure is rapid and easy to					

Experimental

1. For each channel to be tested, prepare five standard solutions; the lowest should have a concentration corresponding to about one order of magnitude above the detection limit. The other four should be prepared at intervals of about an order of magnitude so that a total of 5 orders of magnitude is covered. The preparation of such a series of solutions is facilitated by the use of a suitable

Treatment of Results

The first set of results should be used to establish the calibration function, x/b versus (concentration). This will permit a check on the linear dynamic range of the instrument. Statistical examination of the residuals will give additional information on the efficiency of the curve fitting programme. Subsequent sets of results should be compared with the initial set to provide information on instrument drift which will affect