

It is recommended that the test should be conducted on at least ten distribution units selected at random from all of the packaged units prepared for distribution.

Recommendation

1. The test shall be conducted on at least ten distribution units selected at random from all of the packaged units prepared for distribution.^a
2. Each of the *m* selected units shall be homogenised, and duplicate test portions taken from it analysed, in a random order, by using a method of appropriate precision under repeatability conditions.

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- e) Lack of digit resolution in the data may result in the variation between results or units being represented inadequately or not at all. Analysts conducting the tests may need to be advised to record more significant figures than customary.
- f) A full account of the statistical rationale of the recommended method can be found in Reference 1.
- g) Figure 1 below may assist in the recognition of the different types of outliers. Outlying differences are most easily detected by the use of Cochran's test at the 95% level of significance, although other statistically sound tests will suffice. A fuller discussion of outliers can be found below.

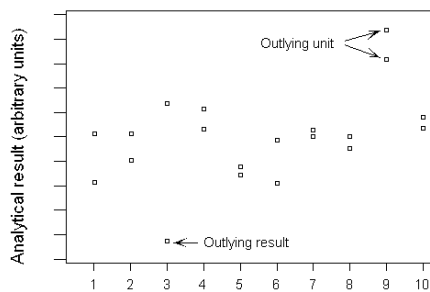


Fig. 1 Results from a test for sufficient homogeneity, showing two types of outlier.

Background to the Recommendation

Tests for homogeneity have traditionally been