Determine the asymmetry factor in HPLC at 10 percent peak height – How To

Measure the left half of the peak width at 10% peak height (A) and then measure the right half of the peak width at 10% peak height (B) (see figure below). The ratio of B over A is the asymmetry factor. A value of 1.0 is perfect symmetry and 0.9 – 1.2 is acceptable.

Value less than 1 is for a fronting peak and greater than 1 is for a tailing peak. Values greater than 2 are unacceptable.

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