



## Policy on verifying a new Cogent HPLC column performance – Tips & Suggestions

**When you first receive a Cogent™ HPLC column, its performance should be checked by running a quick test to measure peak symmetry and efficiency.**

The column you purchased came with a packing test chromatogram that shows the original QC values (peak shape, plate count) of test solutes under specified conditions. When you follow the conditions in that test and inject the same analytes, you will be able to check the values you obtain against those originally reported on the sheet.

A discrepancy may point to a possible issue with the stationary phase. It is also possible that the instrument itself is at fault, for example if extra-column volume is excessive and contributes to poor peak shape. In any case, performing this simple test is the first step in identifying any potential issue with a new column.



Printed from the Chrom Resource Center

Copyright 2024, All Rights Apply

**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)