



Why does the metal content of a silica particle contribute to the peak shape of my chromatogram in HPLC – FAQ

The electron withdrawing properties of trace metals in standard HPLC silica particles enhances the negativity of surface silanol groups and contributes to peak tailing when high levels of trace metals are present.

NOTE: This much less of a concern for TYPE-C™ silica.



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MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

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

Email: customers@mtc-usa.com

Website: www.mtc-usa.com

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