MICROS

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^{TT} silica.



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 Website: www.mtc-usa.com