



What is the purpose of a pre slit septa – FAQ

Pre-slit septa provide a penetration aid for thick and dull needles and minimizes evaporation before injection, which can lead to concentration changes.

When using Waters™ and other autosamplers, it is crucial to note that non-slit septa can cause a vacuum in the vial if the needle is too snug with the septa hole and will withdraw more sample volume than the air that can replace it. This can result in inaccurate injection volumes. However, pre-slit septa allow sufficient air into the vial while the needle withdraws liquid, preventing a vacuum from occurring and ensuring proper injection performance by the instrument.

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