

Spurious peaks from nylon syringe filters with DI water using electrochemical detection can be avoided - Tips & Suggestions

When using electrochemical detection, spurious peaks in your chromatogram may be observed if a nylon syringe filter is used with a DI water solvent. The anionic peaks are most likely nitrate extractable and therefore we recommend using polyester sulfone PES syringe filters instead. This membrane type is suited to situations when you want to avoid nitrate extractables. Click [HERE](#) for PES syringe filter ordering information and pictures.

If anions are not a concern, nylon filters are adequate for aqueous solvents with electrochemical detection.

Click [HERE](#) for AQ brand syringe filter ordering information and pictures.

Printed from the Chrom Resource Center

Copyright 2025, 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