

Will acid washing autosampler vials have consequences or affect my chromatography - FAQ

What are the advantages and disadvantages of "acid washing" autosampler vials?

The main reason to "acid wash" autosampler vials is to reduce basic compound adsorption, due to native silanols onto the glass. Some of the consequences to acid washing include time and materials to wash but also you run the risk of chloride and sodium residue left in the vials as well as other trace elements found in the reagents.

We suggest you use RSA™ vials when adsorption of basic compounds is of concern or possible. Since RSA has virtually no silanols, acid washing is not necessary when using RSA autosampler vials.

Click [HERE](#) for RSA™ autosampler vial technical and ordering information.



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