RSA™

REDUCED SURFACE ACTIVITY GLASS

More Reliable Data is the Tip of the Iceberg

Detect Low Abundance Analytes, Prevents pH Changes and Sample Hydrolysis in Vials, Eliminates Meniscus with Water, Not Coated or Silanized, Detect Low Abundance Analytes, Prevents pH Changes and Sample Hydrolysis in Vials, Eliminates Meniscus with Water, Not Coated or Silanized, Detect Low Abundance Analytes, Prevents pH Changes and Sample Hydrolysis in Vials, Eliminates Me with Water, Not Coated or Silan

RSA™ vials are the only vials that are quality controlled for virtually no adsorption of basic compounds, pH stability in water, and sodium content — making them the most consistent vials available today. Great for low dosage forms, LCMS, and any lab aiming to protect their samples.

Available for Autosampler Vials and Inserts.

AUTOSAMPLER
VIALS • CAPS • INSERTS

EXCLUSIVELY BY:
MICROSOLV TECHNOLOGY CORPORATION

www.rsa-glass.com

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NOT ALL GLASS VIALS ARE CREATED EQUAL AND THEY ARE NOT INERT. The glass surface is covered with highly reactive silanols that can interact with your samples by changing pH, hydrolyzing or adsorbing it and lowering your quantitation results with a poor RSD.

Vials, especially those that are low cost, are made at very high speeds with uneven heating and rapid cooling that creates the metals and silanols to surface. This process also requires the use of additives such as borax that deposits on the glass surface creating a silicate that can interact with your analytes, break off and cause sodium adducts that can interfere with your MS ion source. These interactions can be especially critical in LCMS or with samples that are pH sensitive, biological, basic or in low abundance.

RSA™ vials are manufactured with precision heating that virtually eliminates all surface silanols and common metals that can interact with basic, biologic and low abundance compounds.

The RSA glass surface is quality controlled to ensure all specifications are met to producing a pristine surface with lot to lot consistency; not just for outer “fit and form” like historical vials.

RSA vials are made for “the chemistry” and indicated for LCMS, LCMS/MS, Basic and Low Abundance Analytes and are available with ultra-pure septa caps and contaminate free packaging.

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