

Moisture Sealing Guidance when Using Autosampler Vials and Caps for HPLC and GC - Tech Information

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All of our autosampler vials and caps are engineered for use in general HPLC, LCMS, GCMS, and GC applications.

Quality Standards by Brand:

- *BASIK and MICROSOLV Brands*
Designed for reliable autosampler performance—proper fit without jamming—and manufactured to be contaminant-free.
- *AQ and RSA Brands*
Undergoes advanced testing using HPLC and LCMS methods.
For AQ™ with RSA™ glass, additional evaluations include:
 - Compound adsorption
 - Surface metal content
 - pH impact from glass chemistry
- *RSA-Pro X Brand*
Includes hydrophobicity testing as part of its quality criteria.

*Important **Note** on Caps: Our caps are designed for autosampler compatibility, not for moisture barrier performance. Therefore, whether they prevent external moisture ingress depends on your specific application and is outside the scope of product design .*

Click [HERE](#) for ordering information and product images for autosampler vials, caps, and inserts.