



The Advantage or Disadvantage of Using Certified Autosampler Vials Compared to MICROSOLV Brand Vials - Tips & Suggestions

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Considering Certified Vials? Here's What You Should Know

When evaluating autosampler vials—whether Certified branded or MICROSOLV brand — it's important to understand what “certified” really means.

Certification ≠ Guaranteed Performance

A vial labeled as “certified” does not inherently offer superior quality or performance. Certification typically refers to a certificate of analysis (CoA) provided with the product, not a guarantee that the vial will perform optimally across all sample types or analytical methods.

Due to the vast range of chemistries and instrument conditions, it is not economically feasible for any manufacturer to test vials under every possible scenario. As a result, certification may offer limited assurance—and often comes with added cost.

The MICROSOLV Advantage: Built-In Quality, No Extra Fees

At MICROSOLV, we take a different approach:

- All MICROSOLV vials are manufactured from first hydrolytic class glass and undergo rigorous quality control, including lot-level testing for extractables and dimensional conformity.
- We provide a Certificate of Conformance (CoC) upon request—at no additional charge.
- Our vials are warranted against all manufacturing defects, including contamination from glass extractables.

This means you receive high-performance, reliable vials without paying a premium for a label.

Terminology Matters

It may be more accurate to describe vials accompanied by a certificate as “certificated” rather than “certified.” The distinction highlights that the certificate reflects a batch-specific quality check, not a universal performance guarantee.

Conclusion

If you're comparing MICROSOLV to Certified branded or other suppliers, consider this:

- MICROSOLV delivers consistent quality, validated performance, and full transparency—without hidden costs.
- Our vials are ready for demanding analytical workflows, including LC-MS, without the need for additional certification fees.

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