

Certified Autosampler Vials Compared to MICROSOLV Vials - Tips and Suggestions

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Considering Certified Vials? Here's What You Should Know

When choosing autosampler vials, buyers often assume that a vial labeled “*Certified*” offers measurably superior performance. However, certification can be misleading if its meaning isn’t fully understood.

Certification Does **Not** Guarantee Better Analytical Results

A vial marketed as “certified” typically includes a **Certificate of Analysis (CoA)**, but this certificate only verifies limited batch-specific checks—*not* universal performance under all conditions. Because laboratories work with a wide range of chemistries, solvents, and instrument designs, it is not economically feasible for any manufacturer to test vials for every possible application, making certification a limited assurance at best.

The MicroSolv Approach: Built-In Quality Without Added Fees

Rather than charging extra for a certification label, MicroSolv manufactures its vials using first hydrolytic class glass and performs rigorous quality control, including dimensional checks and testing for extractables at the lot level. A Certificate of Conformance (CoC) is available by request at no extra cost, and MicroSolv vials are fully warranted against manufacturing defects—including contamination caused by glass extractables.

This ensures high performance for demanding techniques—including LC-MS—without passing unnecessary certification charges onto the customer.

Why the Term “Certified” Is Often Misused

In many cases, it is more accurate to describe such vials as “**certificated**” rather than “certified,” since the accompanying certificate applies only to a tested lot and does not guarantee universal performance. This distinction helps prevent misinterpretation of what the document actually represents.

Conclusion

If you are comparing Certified-brand vials with MicroSolv vials, consider this:

- Certification does not guarantee superior performance
- MicroSolv provides high-quality, rigorously controlled vials without added certification fees
- You receive proven reliability, transparency, and warranty protection built into every vial

MicroSolv vials deliver consistent performance for chromatography workflows—without paying extra for a label that may not improve your results.

AUTOSAMPLER

VIALS AND CAPS

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