
What is the main difference between ordinary and LCMS compatible polypropylene vials in terms of material & chemical stability?

Both types of vials are made of polypropylene and we have not experienced chemical stability problems due to use with acetonitrile or other HPLC grade solvents, if the vial are filled and used within 7 days. We do not recommend plastic vials of any type for long term storage with any organic solvents. We also do not recommend plastic vials for use with any non HPLC or non-polar solvents.

The differences between item [9532S-0PV](#) and [9532S-MS](#) is that item 9532S-MS does not use “mold release agents” in the molding process making it less likely to have any contaminates under any circumstance.

Acetonitrile is likely to remove existing mold release agents which can show up in chromatograms as spurious peaks.

[Click HERE for Autosampler Vials, Caps, Inserts & Accessories Ordering Information.](#)