



<621> Chromatography

Type of Posting	Revision Bulletin
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Official Date	1-Dec-2024
Expert Committee	General Chapters - Chemical Analysis

In accordance with the Rules and Procedures of the Council of Experts, the General Chapters - Chemical Analysis Expert Committee has revised General Chapter <621> Chromatography. The purpose of this revision is to further delay the implementation of the subsections *System Sensitivity* and *Peak Symmetry* under *System Suitability* until June 1, 2026, to coincide with the target official date of the revision proposal scheduled to appear in *PF 51(2)* [Mar.–Apr. 2025].

In addition, it will implement correction 1 to the PDG sign-off document agreed upon in November 2023, which rewords the entries for the *Internal diameter* in both *Liquid Chromatography: Isocratic Elution* and *Liquid Chromatography: Gradient Elution* to state that:

“*Internal diameter*: The internal diameter of the column may be adjusted even in the absence of a change in particle size and/or length.”

It also corrects the formatting of the entry: “These changes are acceptable, provided that system suitability criteria are fulfilled, and selectivity and elution order of the specified impurities to be controlled are demonstrated to be equivalent.” to start a new paragraph, which renders the statement to be applicable to the entire text above it in that section.

For additional details, please see the Notice of Intent to Revise describing the next steps and timelines for <621> Chromatography revisions.

The <621> Chromatography Revision Bulletin supersedes the currently approved <621> Chromatography Revision Bulletin that became official on October 1, 2023.

Should you have any questions, please contact Edmond Biba, Senior Principal Scientist (301-230-3270 or exb@usp.org).