

Retention Time Difference in the Resolution Test Mixture on Different Systems Does Not Impact the Integrity of Data - Tech Informaton

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Variations in retention times across different systems do not impact the integrity of your data.

These differences are expected due to factors such as mobile phase preparation, column aging, and system-specific characteristics.

The HSQ and the PQ Kit's™ instructions account for this by recommending adjustments to the mobile phase to meet system suitability requirements. For example, our Certificate of Analysis (CoA) specifies adjusting the mobile phase to achieve a retention time within a 4–5 minute window.

Note that the CoA confirms the column met specifications at the time of testing and shipment from our facility.

👉 Click [HERE](#) for Performance Qualification (PQ) and HSQ Kit ordering information and reference images.

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