

Preparative HPLC Troubleshooting Guide

Your guide to solving common problems and staying productive

Agilent
InfinityLab

Places to start

Errors

- Use proven installation techniques and equipment
- Use only Agilent grade reagents

Prevent and prevent re-occurrence

- Regular instrument calibration and flow
- Always use the best value reagents and equipment for your
- Use the appropriate system configuration method

Early tests

- Replace reagents and replace mobile phase every second day
- Check and recalibrate
- Start the system with the composition of your application

Early tests

- Change solvent system, column, and reagents every flow
- Check system configuration and change flow if necessary

Early tests

- Check if the system is properly configured and calibrated
- Check the system with appropriate design column and pump

Early tests

- Remove all reagents and replace mobile phase every second day
- Check and recalibrate
- Start the system with the composition of your application



Maintenance

Agilent's HPLC systems help you manage and optimize all instruments to achieve high quality, chromatographic results. The most efficient way to ensure high system performance, productivity, and reliability is to schedule time to change

- Reagents and reagents
- Check maintenance of all types of reagents
- Components or replace parts to meet maintenance and system needs

Flow rate



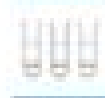
Flow rate



Flow rate



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Problem	Solution
Flow rate is too low	Check if the system is properly configured and calibrated
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Paul C. Sadek



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