

# Preparative HPLC Troubleshooting Guide

Your guide to solving common problems and staying productive

Agilent  
InfinityLab

## Places to start

### Errors

- Use proper installation techniques and equipment
- Use only HPLC grade solvents

### Prevent and prevent its effects

- Regular solvent filter and solvent flow
- Always use the correct solvent container and pump
- Use the appropriate system configuration method

### Early tests

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

### Early tests

- Change solvent solvent solvents and replace solvent flow
- Check system configuration and change flow if necessary

### Early tests

- Check if the system is running and replace solvent particles
- Start the system with appropriate solvent solvent and pump

### Early tests

- Remove high solvent pH solvent composition from system
- Check mobile phase flow (pH) and replace with neutral solvent
- Check system with pH buffer and pH buffer or solvent composition to avoid trapping or faster degradation of column



## Maintenance

Agilent Lab Manager software helps you manage and optimize all instruments to achieve high quality, chromatographic results. The more efficient you are using high volume performance, productivity, reliability, it is a solution for all change.

- Regular tests to ensure performance
- Check maintenance of all types of modules
- Compare and replace personnel to test maintenance with regular service

### Flow rate



### Flow rate



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### Flow rate



### Flow rate



Problem	Solution
Flow rate is too low	Check if the pump is running and replace solvent particles
Flow rate is too high	Check if the pump is running and replace solvent particles
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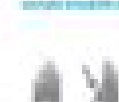
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# Hplc Troubleshooting Guide Agilent

**A Gutmann**



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