



Introduction to Liquid Chromatography and the Agilent ChemStation for Liquid Chromatography

Agilent Chemical Analysis Training Courses

H5929A Four Days Hands-On Operation Description Introduces the practical aspects of performing routine liquid chromatography (LC) using the Agilent 1100 Series liquid chromatograph and the Agilent ChemStation for LC. Covers the basics of liquid chromatography, instrument maintenance, calibration tables, sequencing and chromatographic troubleshooting. Provides the key information for performing this latest technique with confidence and efficiency.	Course Outline Day One <ul style="list-style-type: none">• Introduction to LC• Preparing for the LC Analysis• Acquisition Methods• Setting up the LC and Acquiring Data• Chromatographic Figures of Merit• Qualitative Data Analysis and Peak Purity Day Two <ul style="list-style-type: none">• Qualitative Data Analysis and Peak Purity• Quantification• Integration• Building a Calibration Table• Reporting• Quantification Day Three <ul style="list-style-type: none">• File Management• Selecting a Column• Comparison of High Speed, Small Bore, and Analytical Columns Day Four <ul style="list-style-type: none">• Instrumentation• Troubleshooting• Agilent 1100 Series LC Maintenance	Prerequisites None. Student Profile Anyone responsible for routine operation and maintenance of the Agilent 1100 Series liquid chromatograph with the Agilent ChemStation for LC. Equipment Used during Training <ul style="list-style-type: none">• Agilent 1100 Series liquid chromatograph• Agilent ChemStation for LC
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