



## ProCalV5 Test Type Packages

### HPLC Pump Flow Rate Test

In the calibration of HPLC pump components, the Flow Rate test is commonly necessary. In order to accommodate a wider variety of available equipment during calibration, the HPLC Flow Rate Test Type for ProCalV5 allows the user to specify their use of a flow meter, a volumetric flask, or a Class A buret.

The setpoints for flow rates are pre-defined on the master record, as well as limits for tests using any one of the three types of equipment.

During calibration, the technician user may select the equipment used for the test. If they choose the flow meter, the flow readings are used for the determination of pass/fail for the test. For the volumetric flask or Class A buret, time measurements should be recorded for the flow to reach a desired target volume. In all cases, the time or flow measurements are accurately captured and compared to the applicable pre-defined tolerance.

**Flow Rate Inputs**

Flow Rate	Unit	Low Limit	High Limit	As Found Reading	As Left Reading
0.2000	mL/min	0.1900	0.2100	0.1985	0.2002
3.0000	mL/min	2.8500	3.1500	2.9998	3.0001

There are numerous ProCalV5 Test Type Packages available off the shelf, standard enhancements to your ProCalV5 Calibration Management solution. If you have calibration requirements not already included in the standard solutions list, our team of specialists will work with you to develop a Test Type Package to your specifications. For more information, please contact Prime Technologies to discuss your specific needs.