VWR CATALYST

We Enable Science *Through Services*
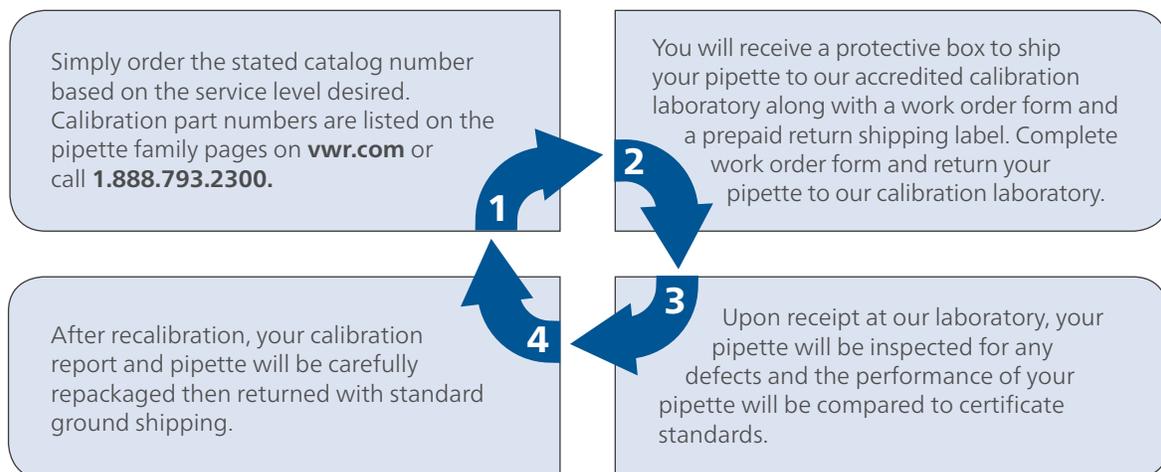
ISO/IEC 17025 Accredited Pipette Calibration Services

VWRCATALYST Services provide convenient and efficient recalibration services for your single and multi-channel pipettes with a 3-day average turnaround time from receipt of your pipette.

All recalibration, certification and shipping fees are included in the catalog number cost.

- **Premium Pipette Calibrations** include an ISO/IEC 17025 accredited calibration certificate traceable to NIST. The ISO/IEC 17025 accredited certificate includes 10 measurements at 3 volumes and all measurement data with the associated uncertainties.

- **Intermediate Pipette Calibrations** include an ISO/IEC 17025 accredited calibration certificate traceable to NIST. The ISO/IEC 17025 accredited certificate includes 5 measurements at 3 volumes and measurement data with the associated uncertainties.

- **Basic Pipette Calibrations** include an ISO/IEC 17025 accredited calibration certificate traceable to NIST. The ISO/IEC 17025 accredited certificate includes 4 measurements at 2 volumes and measurement data with the associated uncertainties.

- Meets quality and record keeping requirements for ISO/IEC 17025:2005, ISO 9001:2008 and ANSI/NCSL Z540-1-1994.

- All channels tested.

- Can ensure conformance to internal SOP, quality control or other regulations.

- ISO/IEC 17025, NVLAP* Accredited Certificate provides a signed report of measurements, test results, laboratory conditions, and measurement uncertainties.

- Preventative maintenance including complete disassembly, inspection, cleaning, and greasing is included for Premium and Intermadiate level services.

- Value packs available.

- No additional shipping fees.

Need help selecting the right calibration service?— Call our pipette Calibration Hotline at **1.888.793.2300** to speak with a Specialist

1 Simply order the stated catalog number based on the service level desired. Calibration part numbers are listed on the pipette family pages on **vwr.com** or call **1.888.793.2300.**

2 You will receive a protective box to ship your pipette to our accredited calibration laboratory along with a work order form and a prepaid return shipping label. Complete work order form and return your pipette to our calibration laboratory.

3 Upon receipt at our laboratory, your pipette will be inspected for any defects and the performance of your pipette will be compared to certificate standards.

4 After recalibration, your calibration report and pipette will be carefully repackaged then returned with standard ground shipping.

Order Today - **1.888.793.2300** or **vwrcatalyst.com**

FREQUENTLY ASKED QUESTIONS

Q. If I am experiencing a problem with my pipette, can I open it to examine the internal components?

A. The pipette can be opened and examined, however, the calibration may become void. It is reasonable to believe that whatever is causing the problem is also affecting the calibration. If you have no way of validating the pipette, then send the pipette to your service provider to evaluate and fix the problem.

Q. What is the Value Pack?

A. The **VWR**CATALYST Value Pack is designed to share efficiencies of shipping and order transactions processing. The Value Pack shipping boxes are designed to protect up to 3 pipettes. The Value Pack is priced to exploit these savings and reduce your overall spend. Have more than 3 pipettes? Simply buy multiple value packs!

Q. Does VWRCATALYST serve all brands of pipettes?

A. Yes! **VWR**CATALYST's calibration laboratory partner calibrates all brands of pipettes, single and multi-channel, electronic pipettes, positive displacement pipettes, syringes, repeaters, burettes, and dilutors.

Q. My pipette seems to leak periodically. What are the causes and the solutions to this problem?
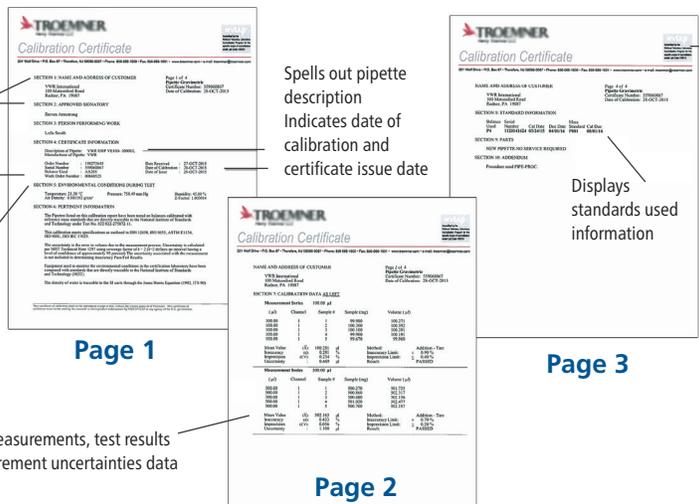
A. Pipettes can leak for the following reasons:
- The tip is incorrectly attached or debris is between the tip and the nose cone.
- There is a foreign object (i.e. dirt, grit, etc.) between the piston, O-ring and nose cone.
- The O-ring has been damaged or warped.

Solutions to the aforementioned problems:
- Securely attach the tip to the nose cone.
- Clean and grease tip cone module and O-ring; attach new tip.
- Change the O-ring.

Q. How many times per year must a pipette be calibrated?

A. It depends on the number of times the pipette is used and on the quality requirements of the laboratory. ASTM E 1154-89 11.2.3 recommends that pipettes receive a comprehensive evaluation on a quarterly basis.

Displays Approved Signatory and Person Performing the Work

Displays serial number, order number, work order number and balance used

Reports the environmental conditions during test

Page 1

Spells out pipette description Indicates date of calibration and certificate issue date

Provides measurements, test results and measurement uncertainties data

Page 2

Displays standards used information

Page 3

ISO/IEC 17025, NVLAP* Accredited. Accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 105013-0. Conforms to ISO/IEC 17025, a requirement for any ISO 9001 facility