

Calibration and Verification Services

From Milli-Q® Services for your water purification system

How do you ensure the integrity of your water purification system?

Your purification system is a sophisticated instrument that contains sensitive and complex technologies. Critical meters, sensors and monitors are in regular contact with water and must be routinely inspected and serviced to prevent damage and guarantee your water meets manufacturer's specifications. In addition, periodic calibration and verification are vital for Quality Assurance and to guarantee the reliability of data generated.

Milli-Q® Services – For full confidence in your measuring systems

For full equipment compliance and laboratory accreditation, Milli-Q® Services offers *Calibration, Verification, and Suitability Testing Services* for all the meters, sensors and monitors on Milli-Q® systems.

Our Calibration and Verification Services are:

- Performed by specially trained validation experts using worldwide auditable standard operating procedures
- Documented with auditable reports to ensure traceability and compliance
- Performed with manufacturer-certified calibrated instruments
- Available for resistivity/temperature meters and TOC monitors

Calibration

- Ensure and adjust measurement accuracy against traceable reference standards. The entire measurement chain is calibrated
- Includes a calibration certificate, critical for labs complying with quality standards (e.g., cGMP, GLP)

Verification

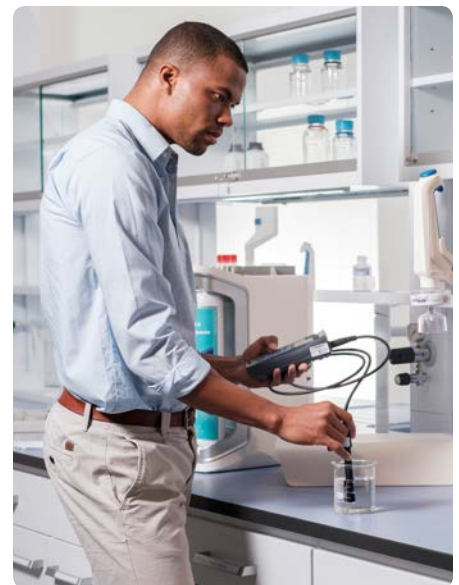
- Verify and document the accuracy of your system's meters against externally calibrated reference meters

Suitability Testing

- Ensure water quality measurement devices comply with US pharmacopeia (USP) requirements specified in chapter <645> for conductivity/resistivity* and chapter <643> for TOC†

* For conductivity, resolution $\pm 0.1 \mu\text{S}/\text{cm}$ on the lowest range, cell constant $\pm 2\%$

† Less than 500 ppb detection limits check



- Eliminate the risk of deviation over time
- Ensure the integrity of your work
- Strengthen your quality assurance status

Our local experts in purified water regulations will help you to choose the right solution for your laboratory environment.

For more information, visit:
MerckMillipore.com/Milli-QServices

Telephone, e-mail or fax any questions to your local Milli-Q® representative for a prompt and informative answer.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

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