



Is your electrode still up to its job?

Be sure with the Metrohm Electrode Care

HIGHLIGHTS

- Recognize poor electrode quality before your analysis fails
- Omit tedious error tracking
- Get a replacement recommendation based on real data
- Increase accuracy and the precision of your results
- Reduce sample waste and tedious analysis repetition due to incorrect results
- Reduce downtime of your system

Nobody can afford Out-of-Specification (OOS) investigations!

Out-of-Specification (OOS) results can cause major disruptions in the QC laboratory. Finding out the root cause costs time during which critical instrumentation is not available. Eventually, it may very well be the electrode of a titrator that causes inaccurate results – be it due to contamination, wear, and therefore slow response, or even damage or a short circuit.

Enjoy peace of mind with Metrohm Electrode Care

«Electrode Care» is a service we provide to confirm whether your **pH electrodes** perform according to specifications. To this end, we check crucial parameters such as response time, drift behavior, and slope of your electrode against target values. Based on the results, the performance of your electrode is rated «excellent», «good», «usable», or «poor». In case of a «usable» or «poor» result, a replacement is highly recommended in order to reduce the risk of OOS results.

Other test methods, which are based on standardized titrations, are available for **metal and surfactant electrodes**. Accuracy and precision of the equivalence point, the response time, and the potential jump are compared against target values. If one or several parameters fail this test, a replacement of the electrode is highly recommended.

Ask your Metrohm Sales Rep for Metrohm Electrode Care and be sure your electrodes are always up to their job.

For further information, please consult our dedicated Application Bulletins.

- Metrohm Application Bulletin AB-048 – check of metal electrodes
- Metrohm Application Bulletin AB-188 – pH measurement technique
- Metrohm Application Bulletin AB-305 – check of surfactant electrodes

