

A photograph showing a person's hands holding a long metal rod over a tank of water. A curved, polished copper object is being submerged into the water, creating ripples. The background is slightly blurred, showing industrial equipment.

CONDUCTIVITY CERTIFIED REFERENCE MATERIALS

LGC Industrial is able to utilize Paragon Scientific and their 20 years of manufacturing experience to produce an updated line of Conductivity Certified Reference Materials. These CRMs are produced with the highest laboratory/reference material accreditations through UKAS to ISO 17025; ISO 17034 quality systems.

LGC Industrial's range of ISO 17025 & ISO 17034 accredited Conductivity Standards for calibration and verification of various conductivity meters. Conductivity is a physical analysis measuring the capability of a liquid to pass current ($\mu\text{S}/\text{cm}$). Our conductivity standards range from 2 to 500,000 $\mu\text{S}/\text{cm}$. Measurement is done by an in-house method based on ASTM D1125, Standard Test Methods for Electrical Conductivity and Resistivity of Water, however, usage is applicable to most conductivity applications.

Industrial
VHG | ARMI | MBH
Paragon Scientific

lgcstandards.com/industrial

Conductivity Reference Standards

Conductivity Reference Standards		
Description	Size	Product Number
Conductivity standard, 2 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	125 ml	ALK-COND0002-25-125ML
Conductivity standard, 5 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	125 ml	ALK-COND0005-25-125ML
Conductivity standard, 10 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	125 ml	ALK-COND0010-25-125ML
Conductivity standard, 100 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND0100-25-500ML
Conductivity standard, 10,000 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND010K-25-500ML
Conductivity standard, 12,880 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND012K-25-500ML
Conductivity standard, 147 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND0147-25-500ML
Conductivity standard, 500 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND0500-25-500ML
Conductivity standard, 1000 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND1000-25-500ML
Conductivity standard, 100,000 microSiemens/cm at 25 °C, NIST Traceable, ACS	500 ml	ALK-COND100K-25-500ML
Conductivity standard, 1413 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND1413-25-500ML
Conductivity standard, 500,000 microSiemens/cm at 25 °C, (NIST Traceable, ACS)	500 ml	ALK-COND500K-25-500ML

