

Conductivity standards



Fisher Scientific offer a comprehensive range of conductivity standards, traceable to NIST reference materials. The range includes a standard range as well as a broader range of very low and high values, offering increased flexibility.

- Accurate to $\pm 1\%$
- Traceable to NIST
- GLP compliant
- Certificate of analysis supplied with each bottle (including method of analysis and standard reference material detail)
- Wide range: 20 values from 1.3 $\mu\text{S/cm}$ to 500,000 $\mu\text{S/cm}$ inclusive
- An enhanced shelf life is assured through the use of proprietary technology

Accurate conductivity measurement requires periodic calibration of the conductivity sensor in order to determine its cell constant (the multiplier used to convert the sensor's output to the displayed conductivity). Our standard value conductivity standards match the pre-programmed values used by all leading brands of conductivity meters for automatic calibration, whilst the broad range standards allow flexibility.

Conductivity standards, with conductivity stated at 25°C

Catalogue No	Legacy No	Description	Volume, mL
10134917	-	84 $\mu\text{S/cm}$	500
10338797	-	147 $\mu\text{S/cm}$	500
10707498	-	1,413 $\mu\text{S/cm}$	500
10003767	-	12,880 $\mu\text{S/cm}$	500



Broad range conductivity standards, with conductivity stated at 25°C

Catalogue No	Legacy No	Description	Volume, mL
11506723	-	1.30 $\mu\text{S/cm}$	6 x 250
10237047	-	1.30 $\mu\text{S/cm}$	250
10460538	-	5 $\mu\text{S/cm}$	500
10719218	-	10 $\mu\text{S/cm}$	500
10256857	-	20 $\mu\text{S/cm}$	500
10729218	-	50 $\mu\text{S/cm}$	500
10421888	-	100 $\mu\text{S/cm}$	500
10399077	-	200 $\mu\text{S/cm}$	500
10003477	-	500 $\mu\text{S/cm}$	500
10778448	-	1,000 $\mu\text{S/cm}$	500
10450738	-	5,000 $\mu\text{S/cm}$	500
10185157	-	10,000 $\mu\text{S/cm}$	500
10013767	-	20,000 $\mu\text{S/cm}$	500
10501738	-	50,000 $\mu\text{S/cm}$	500
10790320	-	100,000 $\mu\text{S/cm}$	500
10083427	-	150,000 $\mu\text{S/cm}$	500
10349087	-	200,000 $\mu\text{S/cm}$	500
10511928	-	300,000 $\mu\text{S/cm}$	500
10521928	-	350,000 $\mu\text{S/cm}$	500
10420938	-	450,000 $\mu\text{S/cm}$	500
10791090	-	500,000 $\mu\text{S/cm}$	500

TDS standard

Catalogue No	Legacy No	Description	Volume, mL
10542118	-	1,382ppm NaCl	500