STANDARDS, CONDUCTIVITY

PA0099 Conductivity standard, 84 µS/cm (25 °C), KCl 0,0006 mol/L

- CAS [7447-40-7]
- EINECS-No.: 231-211-8
- Density: 1,04 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00
- Applications: analytical chemistry, laboratory reagent, for electroanalysis
- Appearance: Colourless

conductivity (25 °C) . . . . . 83,0 - 85,0 µS/cm
uncertainty < 1%
The standard has been measured with an electrode, whose cell constant is approx. 0,7 cm^{-1}, and a temperature sensor
The cell constant is calibrated against SRM 999 from NIST (KCl). T (°C)k (µS/cm)
15 67,6
20. 75,8
25. 84,0
30 92,2
35 100,9
40. 109,2

ART. NO.	VOLUME	CONTAINER
PA00990250	250 ml	P
PA00990500	500 ml	P

PA0100 Conductivity standard, 147 µS/cm (25 °C), KCl 0,001 mol/l

- CAS [7447-40-7]
- EINECS-No.: 231-211-8
- Density: 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent, for electroanalysis.

conductivity (25 °C) . . . . . 145 - 149 µS/cm
uncertainty . . . . . < 1%
The standard has been measured with an electrode, whose cell constant is approx. 0,7 cm^{-1}, and a temperature sensor
This conductivity standard is traceable to SRM 999 from NIST (KCl). T (°C)k (µS/cm)
15 118,5
20. 132,8
25. 147,0
30 161,2
35 177,5
40. 191,5

ART. NO.	VOLUME	CONTAINER
PA01000250	250 ml	P
PA01000500	500 ml	P

PA0101 Conductivity standard, 1413 µS/cm (25 °C), KCl 0,01 mol/l

- CAS [7447-40-7]
- EINECS-No.: 231-211-8
- Density: 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent, for electroanalysis.

conductivity (25 °C) . . . . . 1399 - 1427 µS/cm
uncertainty . . . . . < 1%
The standard has been measured with an electrode, whose cell constant is approx. 0,7 cm^{-1}, and a temperature sensor
This conductivity standard is traceable to SRM 999 from NIST (KCl).
T (°C) k (µS/cm)
15 1139
20. 1276
25. 1413
30 1550
35 1694
40. 1833

ART. NO.	VOLUME	CONTAINER
PA01010250	250 ml	P
PA01010500	500 ml	P

PA0102 Conductivity standard, 12880 µS/cm (25 °C), KCl 0,1 mol/l

- CAS [7447-40-7]
- EINECS-No.: 231-211-8
- Density: 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent, for electroanalysis.

conductivity (25 °C) . . . . . 12820 - 12940 µS/cm
uncertainty . . . . . < 1%
The standard has been measured with an electrode, whose cell constant is approx. 10,0 cm^{-1}, and a temperature sensor
This conductivity standard is traceable to SRM 999 from NIST (KCl).
T (°C) k (µS/cm)
15 10439
20. 11664
25. 12880
30 14112
35 15392
40. 16678

ART. NO.	VOLUME	CONTAINER
PA01020250	250 ml	P
PA01020500	500 ml	P

PA0103 Conductivity standard, 50000 µS/cm (25 °C), KCl aqueous solution

- CAS [7447-40-7]
- EINECS-No.: 231-211-8
- Density: 1,02 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent, for electroanalysis.

conductivity (25 °C) . . . . . 49900 - 50100 µS/cm
uncertainty < 1%
The standard has been measured with an electrode, whose cell constant is approx. 10,0 cm^{-1}, and a temperature sensor
This conductivity standard is traceable to SRM 999 from NIST (KCl).
T (°C) k (µS/cm)
15 40798
20. 44479
25. 50000
30 54601
35 59334
40. 64070

ART. NO.	VOLUME	CONTAINER
PA01030250	250 ml	P

STANDARDS, IC ACCORDING TO ISO 17025

AM0236 Ammonium, standard solution 1000 mg/l NH_4^+ for IC (NH_4Cl in H_2O)

- Density: 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00

concentration. . . . . 990 - 1010 mg/l
This standard solution is traceable to Standard Reference Material from NIST.

ART. NO.	VOLUME	CONTAINER
AM02360100	100 ml	P