

Conductivity Standard Solutions



Sensorex offers a wide range of Mixed Salt and Single Salt Conductivity Standards. Our standards are prepared to the National Institute of Standards and Technology (NIST) primary solutions standards. Both Mixed Salts and Single Salt solutions are available. NIST certificates are available for a nominal charge.

Conductivity solutions are supplied in quart bottles (946 ml) and are ready for immediate use. Both the TDS and the conductivity values are listed on the label. Shelf life is guaranteed for a year, and each solution is supplied with an MSDS sheet. Custom standards, such as special conductivity values or special packaging requirements, are available on request.

Specifications

Accuracy	+/- 1% of listed value @ 25 Deg C
Volume	1 US quart(946mL)
MSDS	Supplied with standards
NIST Traceability	Certificate Available for an additional cost.

Notes:

TDS Solutions are mixed salt (NaHCO₃, Na₂SO₄, NaCl)

TDSK Solutions are Potassium Chloride (KCl) only

TDSNa Solutions are Sodium Chloride (NaCl) only

**TDSK18 solution accuracy cannot be guaranteed due to environmental conditions

Ordering Information

Part Number	Description
TDS15	15ppm/23.8uS
TDS30	30ppm/46.7uS
TDS150	150ppm/229uS
TDS300	300ppm/445uS
TDS500	500ppm/731uS
TDS1000	1000ppm/1417uS
TDS1500	1500ppm/2060uS
TDS3000	3000ppm/3900uS
TDS5687	5687ppm/7000uS
TDS9523	9523ppm/10,000uS
TDS15000	15000ppm/16,630uS
TDS30000	30000ppm/30,100uS
Single Salt Conductivity Standards (K = potassium, Na = sodium)	
TDSK18**	11.4 ppm/18 μS**
TDSK70	45 ppm/70μS
TDSK180	116.5 ppm/180 μS
TDSK700	478 ppm/700 μS
TDSK1800	1294 ppm/1,800 μS
TDSK7000	5687 ppm/7,000 μS
TDSK18000	16,462 ppm/18,000 μS
TDSNa12.5	6956 ppm/12,500 μS
TDSNa13.4	7501 ppm/13,400 μS
TDSNa14	7864.7 ppm/14,000 μS



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