MesaLabs

Total Dissolved Solids Solutions

Total Dissolved Solids (TDS) Solutions are used to verify the accuracy of water quality meters.

Why does accuracy matter?

"The quality of water and associated dialysis solutions have been implicated in adverse patient outcomes and is therefore critical."[1] As TDS are an important metric of water quality, using a TDS reference solution to ensure your TDS meter is calibrated correctly is critical to ensuring patient safety.

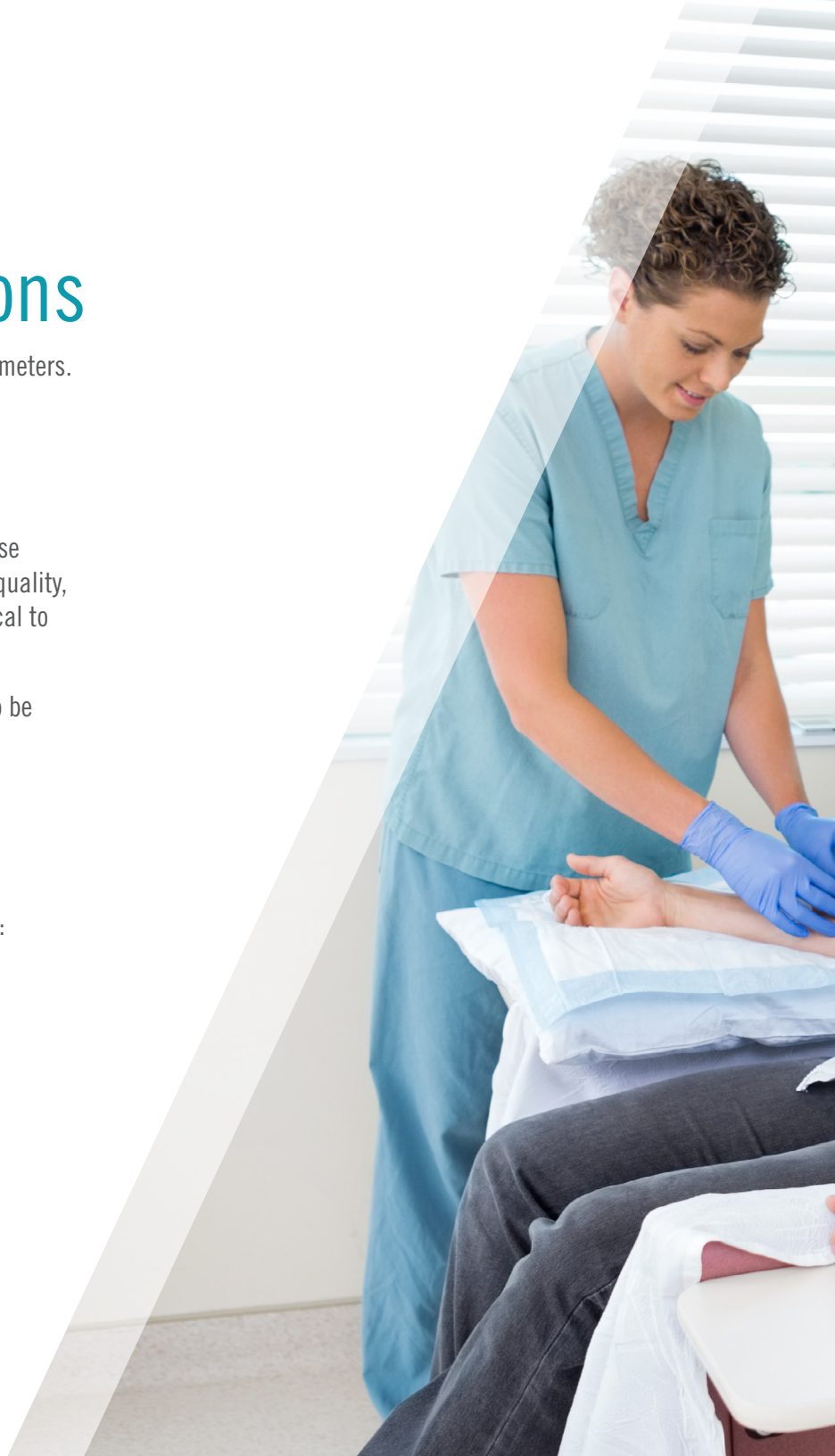
Mesa Labs offers TDS Solutions with a 510(k) clearance. These solutions are proven to be accurate within ±1%[2] and are based on a natural salt mixture.[3]

Available Solutions

Total Dissolved Solids solutions are available in quarts in the following configurations:

Part Number	Description
02.0073	15ppm 23.8uS/cm
02.0074	150ppm 229uS/cm
02.0075	1500ppm 2060uS/cm

For product and ordering information:
customerservice@mesalabs.com | 800.992.6372
dialyguard.mesalabs.com/nist-traceable-solutions



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Mesa Labs also offers the following NIST-traceable calibration and verification solutions:

Combination Solution - combine conductivity and pH solutions into one bottle. Available in 14.0 mS/cm conductivity and 7.0 pH.

pH Buffer Solutions - used for the calibration of conductivity/pH meters. Available in pH 4, 7 and 10.

Conductivity Solutions - used for the calibration of conductivity/pH meters. Available in 1 mS, 14.0 mS, 50 mS, 100 mS and 150 mS.

NEO-CARE Care Cell Cleaning Solutions - removes hard deposits and bacterial filming from cell sensors for greater accuracy and extended instrument life. Available in 16oz, 1 quart and 1 gallon.

For product or ordering information:

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customerservice@mesalabs.com

ph: 800.992.6372 or 303.987.8000

1. Coulliette, Angela D, and Matthew J Arduino. "Hemodialysis and water quality." Seminars in dialysis vol. 26,4 (2013): 427-38. doi:10.1111/sdi.12113
2. 1500ppm and 150ppm solutions are within ±1% of the labeled value. The 15ppm solutions is within ±2% of the labeled value
3. Thissolutionispreparedfromamixtureofsaltscomprisedof40%SodiumBicarbonate,40%SodiumSulfate,and20%SodiumChloridewhichisintendedtomimicnaturalwatersystems