

Total Organic Carbon and Conductivity Test Limits and Acknowledgement

Water, USP Grade

The USP acknowledges there will be a difference in TOC and conductivity in bulk water, measured on-line, and packaged water, measured off-line. When Purified Water (PW) has already met its monographed requirements for low conductivity and TOC, the PW attributes of conductivity and Total Organic Carbon (TOC) after packaging) reveal more about the packaging leachable than they do about the water's original purity. For packaged water the recommendations are taken from <643> Total Organic Carbon and <645> Water Conductivity. If the TOC is NMT 8000 ppb and the conductivity is NMT 5 uS/cm, the water meets requirements.

For more information visit <https://www.usp.org/frequently-asked-questions/water-pharmaceutical-and-analytical-purposes>

[Water, USP Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: Customerservice@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
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