

	Document ID:	TDS-BWL-001-500ML	Version:	006
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	Title:	TECHNICAL DATASHEET		

Purified Water

Filtration, Treatment	0.1 µm Sterile Filtered
Product Code	BWL-001-500ML
Shelf Life	4 years from DOM
Storage Temperature	2°C - 25°C
Shipping Temperature	ambient

QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, colourless liquid	n/a
pH at RT	Electronic pH Meter	5.0 – 8.0	n/a
Osmolality	Osmometer	≤ 1	mOsm/kg
Conductivity at 25°C	Conductivity Meter	≤ 1	µS/cm
Resistivity at 25°C	Conductivity Meter	≥ 18	MΩ*cm
Endotoxin	LAL Kinetic	≤ 0.25	EU/ml
Total Organic Carbon	High Temperature Catalytic Oxidation	≤ 200	ppb
Bioburden (prior to sterile filtration)	Internally Validated	≤ 10	CFU/ml
Cell Culture Testing	Internally Validated	Pass	n/a
Sterility			
Aerobic Bacteria	Internally Validated	Not detected	n/a
Anaerobic Bacteria	Internally Validated	Not detected	n/a
Fungi (Yeast & Mold)	Internally Validated	Not detected	n/a
Mycoplasma	qPCR	Not detected	n/a

Water is purified using a combinatory method of Reverse Osmosis and Ion Exchange.

This product contains no animal components in the containers or the product itself.

Product Use: This product is intended for laboratory use only.