

Grade	Critical RNA, DEPC-treated and sterile filtered Nuclease Free	PCR Grade Certified Nuclease Free	Molecular Biology Grade Nuclease Free	<u>Certified Endotoxin Free</u> Ideal for all Cell Biology Applications Including Cell Culture, Mouse Embryo Assay, Tissue and Stem Cell Culture
Cations & Anion Free	Yes	Yes	Yes	Yes
Mycoplasma Free	Yes	Yes	Yes	Yes
Sterility Assurance By	0.1 µm pore filter	0.1 µm pore filter	0.1 µm pore filter	0.1 µm pore filter
DEPC Treated	0.001%			
Resistivity	18.2 mOhms	18.2 mOhms	18.2 mOhms	18.2 mOhms
Endotoxin (LAL)	≤ 0.1 eu/ml	≤ 0.1 eu/ml	≤ 0.1 eu/ml	≤ 0.005 eu/ml
Electrophoresis	Yes	Yes	Yes	Yes
PCR	Yes	Yes	Yes	N/A
RT-PCR	Yes	Yes	Yes	N/A
MEA Approved	n/a	n/a	n/a	Yes
RNAse	None Detected	None Detected	None Detected	N/A
DNAse	None Detected	None Detected	None Detected	N/A
Nickase	None Detected	None Detected	None Detected	N/A
Protease	None Detected	None Detected	None Detected	N/A
Phosphatase	None Detected	None Detected	None Detected	None Detected
Mycoplasma	None Detected	None Detected	None Detected	None Detected
Heavy Mtls	Not Tested	Not Tested	Not Tested	≤ 0.00004%
Iron(FE)	Not Tested	Not Tested	Not Tested	Not Tested
Sterility Assured	0.1 µm sterile-filtered and 2X autoclaved	0.1 µm sterile-filtered and 2X autoclaved	0.1 µm sterile-filtered and 2X autoclaved	0.1 µm sterile-filtered and 2X autoclaved
Packing Volume Available	2L, 10L, 200L (55g drum)	1.5 ml	125ml, 500ml, 1L, 2L, 10L, 200L (55g drum)	125ml, 500ml, 1L, 2L, 10L, 200L (55g drum)
Catalog #				