

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Phosphate buffered saline - 10x concentrate, BioPerformance Certified, suitable for cell culture

Product Number: P5493
Batch Number: SLCF7315
Brand: SIGMA
MDL Number: MFCD00131855
Quality Release Date: 02 APR 2020
Recommended Retest Date: APR 2021

Test	Specification	Result
Appearance (Turbidity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Solution	Solution
pH	7.2 - 7.6	7.3
at 25 degrees Celcius		
DNase, Exonuclease Detection	None Detected	None Detected
NICKase, Endonuclease Detection	None Detected	None Detected
RNase Detection	None Detected	None Detected
Protease Detection	None Detected	None Detected
Cell Culture Test	Pass	Pass
Endotoxin Level	≤ 1.0 EU/ml	< 0.3 EU/ml
Total Aerobic Microbial Count	≤ 16 CFU/ml	0 CFU/ml
Heavy Metals (as Lead)	≤ 5 ppm	≤ 5 ppm



Brian Dulle, Supervisor
Quality Assurance
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.