MICROBIOLOGICAL MEDIA
QUALITY PERFORMANCE REPORT # 24092

Product: Peptone Salt Diluent

Brand: Neogen

Batch No.: 240722M

Expiry Date: Jul 2025

Date Tested: 06 Aug 24

Project No: 24-207801

Batch Size: 19200 units

Sample Size (Volume Check): 50 units

Test	Result	Specification	Pass/Fail
pH Check	6.89	6.8 – 7.2	Pass
Toxicity Check	10.2%	±15% change (Average count 60–100cfu)	Pass
Volume Check	50/50	8.82 – 9.18mL	Pass

pH Check Interpretation: The media performance is considered acceptable if the pH value falls within the range specified for the media.

Toxicity Check Interpretation: The media performance is considered acceptable if the percentage change in population does not exceed ±15% and the arithmetic mean of the colony counts obtained for the quintuplicate plates at 0 minutes is 60–100cfu.

Volume Check Interpretation: The diluent volume variation is considered acceptable if 100% of the items tested fall within 2% of the target volume.

The above criteria for all tests are testing laboratory In-house limits based on MIMM's, which have been endorsed by the customer as a report interpretation guideline.

pH Check Method: AsureQuality Method

Toxicity Check Method: AsureQuality Method

Volume Check Method: AgResearch: MIMM, 5th Edition: Chapter 2 – Quality Control in Microbiology Laboratories, August 2011.

Results apply to samples as received by the laboratory.

Authorised by: Yu Cao
Senior Scientist

Report Date: 09 Aug 2024

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AsureQuality Limited
131 Boundary Road, Blockhouse Bay, Auckland, New Zealand
Telephone (09) 626 8000; Fax (09) 626 82823.6%