MICROBIOLOGICAL MEDIA
QUALITY PERFORMANCE REPORT # 23170

Product: Peptone Salt Diluent

Brand: 3M

Batch No.: 230921M

Expiry Date: Sep 2024

Date Tested: 10 Oct 2023

Project No: 23-267857-1A

Batch Size: 19200 units

Sample Size (Volume Check): 50 units

Test	Result	Specification	Pass/Fail
pH Check	6.86	6.8 – 7.2	Pass
Toxicity Check	-3.6%	±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: 24 Oct 2023

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