# MICROBIOLOGICAL MEDIA
# QUALITY PERFORMANCE REPORT # 25029

**Product:** Peptone Salt Diluent

**Brand:** Neogen

**Batch No.:** 250514M

**Expiry Date:** 31 May 2026

**Date Tested**: 05 Jun 2025

**Project No:** 25-154053

**Batch Size:** 16800

**Sample Size (Volume Check):** 50 units

| Test | Result | Specification | Pass/Fail |
|---|---|---|---|
| pH Check | 6.98 | 6.8 – 7.2 | Pass |
| Toxicity Check | 2.8% | ±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: 18 Jun 2025

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