

Noverite™ 311 Polymer

Microbiological Summary

Noverite™ 311 polymer has been tested for Preservative Efficacy (Challenge Testing) using a mixed bacterial inoculum and a mixed fungal inoculum. The method used was based on the CTFA Guideline for testing preservative efficacy.

The organisms used in the preservative efficacy testing were the following:

1. Staphylococcus aureus ATCC 6538
2. Escherichia coli ATCC 8739
3. Pseudomonas aeruginosa ATCC 9027
4. Candida albicans ATCC 10231
5. Aspergillus niger ATCC 16404

Criteria:

The preservative efficacy for the product was evaluated according to the following criteria:

Bacteria: Reduction from the initial calculated at 7 days, and no increase thereafter through day 28.
Yeast and Mold: No increase in the initial calculated count and no increase in growth day 15-28.

Conclusion:

The sample passed the CTFA mixed inoculum test for preservative effectiveness.
Noverite™ 311 polymer is adequately preserved for storage.

Noverite™ 311 polymer, when used in a formulated system, does not promote or prevent microbial growth.
We recommend normal microbial testing of your finished product.

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