

CERTIFICATE OF ANALYSIS



**Demi-Fraser Broth
Base, 500 grams
Item No. 700002158
Catalog No. BP0118500**

Lot No. 2602BA03
Manufacture Date: 2026-03-30
Expiration Date: 2030-03-29

Chemical and Physical Testing

Parameter	Specification	Result	Pass
Appearance Color	Light beige	Light beige	Yes
pH	7.2 ± 0.2	7.11	Yes

Microorganism Testing*

Organism Tested	Growth Specification	Pass
<i>Escherichia coli</i> ATCC 25922	No Growth and no blackening reaction	Yes
<i>Listeria monocytogenes</i> ATCC 7644	Good – Excellent growth	Yes
<i>Listeria monocytogenes</i> ATCC 15313	Good – Excellent growth	Yes
<i>Listeria monocytogenes</i> ATCC 19114	Good – Excellent growth	Yes
<i>Pseudomonas aeruginosa</i> ATCC 27853	Suppressed to complete inhibition at 18-24 hours	Yes
<i>Staphylococcus aureus</i> ATCC 25923	Suppressed to complete inhibition at 18-24 hours	Yes

*The following results were obtained from type cultures after incubation at a temperature of 35°C and observed after 18-48 hours.

Terminal Irradiation Processing Parameters

This product has been subjected to Gamma irradiation as a terminal process. The minimum and maximum delivered met established specifications for this product.

This letter certifies that the product described above has been tested and found to comply with Neogen's product performance specifications applicable to subject device at time of manufacture. Visit the Neogen Food Safety website, www.Neogen.com/foodsafety for additional information. Neogen is certified to ISO 9001 through an independent agency.

Manufactured for Neogen Corporation by Alpha Biosciences, 3651 Clipper Mill Rd. Baltimore, MD 21211.

Christopher Norello

Date: 2026-06-10



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620 Leshar Place • Lansing, MI 48912 • 800.234.5333 (U.S. and Canada) • 517.372.9200
The Dairy School • Auchincruive • Ayr, KA6 5HU • Scotland, UK • +44 (0) 1292 525 600