

Product: FRASER Listeria Selective Enrichment Broth Base**Catalog Number:** i23274**Lot Number:****Date of Release:****Expiration Date:****Dehydrated Appearance:** Free flowing, homogeneous, tan.**Solution:** 5.74% solution, soluble in purified water upon boiling. Solution is medium amber, clear to slightly opalescent with a fine precipitate.**Prepared Appearance:** Medium amber, clear to slightly opalescent with a fine precipitate.**pH of 5.74% solution at 25 °C:** 7.2 ± 0.2 **Cultural Response:** 1 .Enrichment step: The half-concentrated FRASER broth is inoculated with sample material and incubated at 30 °C for 24 ± 2 hours. From this culture, a selective growth medium such as OXFORD or PALCAM Agar is inoculated.2 .Enrichment step: From the first enrichment step, 0.1 ml is inoculated on to 10 ml FRASER broth for two incubations of 48 ± 2 hours at 35 °C or 37°C. After each 24 hours period selective growth media such as OXFORD and/or PALCAM agar are inoculated.

Organism	ATCC	Inoculum CFU	Recovery	Esculin reaction
<i>Listeria monocytogenes</i>	19111	10^2 - 10^3	+	+
<i>Listeria monocytogenes</i>	13932	10^2 - 10^3	+	+
<i>Escherichia coli</i>	25922	10^3 - 2×10^3	Marked to complete inhibition	-
<i>Enterococcus faecalis</i>	19433	10^3 - 2×10^3	Marked to complete inhibition	-
<i>Staphylococcus aureus</i>	25923	10^3 - 2×10^3	Marked to complete inhibition	-

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QC Department