

Product: Nitrate Broth

Catalog Number: i23220

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Light to medium tan, free-flowing, homogeneous.

Solution: 0.9% solution, soluble in purified water. Solution is light to medium amber, clear.

Prepared Appearance: Light to medium amber, clear.

Reaction of 0.9% Solution at 25 °C: 7.0 ± 0.2

Cultural Response: Prepare the medium per label directions. Inoculate and incubate at $35 \pm 2^\circ\text{C}$ for 18-24 hours. Test for nitrate reduction using Nitrate A Reagent, Nitrate B Reagent and Nitrate C Reagent following label directions.

Organism	ATCC*	Inoculum CFU	Recovery	Nitrate reduction
<i>Acinetobacter calcoaceticus</i>	19606	$10^2 - 10^3$	Good	-
<i>Enterobacter aerogenes</i>	13048	$10^2 - 10^3$	Good	+
<i>Escherichia coli</i>	25922	$10^2 - 10^3$	Good	+
<i>Pseudomonas aeruginosa</i>	27853	$10^2 - 10^3$	Good	+

*ATCC is a registered trade mark of the American Type Culture Collection.

QC Department