

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT: Nitrate Agar Slant**  
**PRODUCT CODE NO: AS008-25**

### QUALITY CONTROL: PHYSICAL

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Colour	Light amber coloured medium
pH	6.8 ± 0.2
Appearance	Sterile Nitrate Agar in disposable slants.
Clarity	Clear to slightly opalescent
Sterility after 48 hrs	Sterile

### QUALITY CONTROL TESTS: MICROBIOLOGICAL CULTURAL RESPONSE

Cultural characteristics observed after 18 - 24 hrs at 35 - 37°C. Nitrate reduction observed on addition of 0.5ml of sulphanilic acid (BA078) and 0.5ml of alpha-naphthylamine Solution (BA069).

Organism Description	Inoculum(CFU)	Growth	Recovery	NITRATE REDUCTION
Enterobacter aerogenes 13048	[50-100]	[luxuriant]	[>=50%]	Positive reaction, distinct red-pink colour developed within 1-2 minutes
Escherichia coli 25922	[50-100]	[luxuriant]	[>=50%]	Positive reaction, distinct red-pink colour developed within 1-2 minutes
S. serotype typhimurium 14028	[50-100]	[luxuriant]	[>=50%]	Positive reaction, distinct red-pink colour developed within 1-2 minutes
Acinetobacter calcoaceticus 43498	[50-100]	[luxuriant]	[>=50%]	Negative, no change

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particular use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

This document has been produced electronically and is valid.

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