

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Nitrate Broth	
Product Code: DM179	Expiry Date: 02/02/2022
Lot Number: 00680117	Release Date: 02/02/2017
Analytical Report Number: QAD/AR-17/02-207	Page No: 1 of 1

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream - Yellow powder	Cream - Yellow powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light amber colored	Light amber colored	Complies
Clarity of medium (After sterilization)	Clear solution without any precipitate	Clear solution without any precipitate	Complies
pH (After sterilization)	6.80-7.20 at 25°C	7.14	Complies
Gel strength	Not Applicable	Not Applicable	Not Applicable

CULTURAL PARAMETERS:

Nitrate reduction observed on addition of 0.5ml of Nitrate Reagent-1 (IR004) and 0.5ml of Nitrate Reagent-2 (IR005)

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Nitrate reduction	Remarks
<i>Acinetobacter calcoaceticus</i> ATCC 19606	35-37°C / 18 -24 hrs	71	Luxuriant	Negative reaction	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18 -48 hrs	89	Luxuriant	Positive reaction, distinct red pink colour developed within 1-2 minutes	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C / 18 -48 hrs	74	Luxuriant	Positive reaction, distinct red pink colour developed within 1-2 minutes	Complies
<i>Salmonella typhimurium</i> ATCC 14028	35-37°C / 18 -48 hrs	69	Luxuriant	Positive reaction, distinct red pink colour developed within 1-2 minutes	Complies

Final Results: COMPLIES

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

TESTED BY (Divya Sasidharan) MICROBIOLOGIST	CHECKED BY (Tejal Shinde) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report