



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Mannitol (Mn)	
Product Code: ID019-1vl	Expiry Date : 12/11/2021
Lot Number: 02840518	Release Date: 12/05/2018
Analytical Report Number: QAD/AR-18/05-445	Page No: 1 of 2

TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Appearance	Filter paper discs of 10 mm diameter , printed with letters "Mn" on both sides of the discs	Filter paper discs of 10 mm diameter , printed with letters "Mn" on both sides of the discs	Complies

CULTURAL PARAMETERS:

The carbohydrate fermentation reactions after an incubation of various bacteria with Dextrose Differentiation discs were tested using Andrade's Peptone water(DM 013).

Organisms	Incubation time/ temp	Growth	Acid	Gas	Remarks
<i>Citrobacter freundii</i> ATCC8090	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: Pink red color	Positive reaction	Complies
<i>Escherichia coli</i> ATCC 25922	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: Pink red color	Positive reaction	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: Pink red color	Positive reaction	Complies
<i>Klebsiella pneumoniae</i> ATCC 13883	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: Pink red color	Positive reaction	Complies
<i>Proteus vulgaris</i> ATCC 13315	18-48 hrs / 35-37°C	Luxuriant	Negative reaction: No color change	Negative reaction	Complies
<i>Salmonella Typhi</i> ATCC 6539	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: No color change	Negative reaction	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: No color change	Positive reaction	Complies
<i>Shigella flexneri</i> ATCC 12022	18-48 hrs / 35-37°C	Luxuriant	Positive reaction: No color change	Negative reaction	Complies






CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Mannitol (Mn)	
Product Code: ID019-1vI	Expiry Date : 12/11/2021
Lot Number: 02840518	Release Date: 12/05/2018
Analytical Report Number: QAD/AR-18/05-445	Page No: 2 of 2

Final Results: COMPLIES

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

		
TESTED BY (Madhura Kadam) MICROBIOLOGIST	CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report