

	INNOVA PHARMACTIVE PVT. LTD.		MASTER COPY	
	TDS for Growth Promotion Test (Agar)		Authorized By/ Date :	10/09/2025
Name of media <u>Mannitol salt agar</u>		Issued By/ Date :	10/09/2025	
A.R. No.	<u>AM25136</u>			

1st STEP:

Using Soyabean Casein Digest Agar to get colonies between 10-100 CFU/ml

Date of starting: <u>10/09/2025</u>	Date of completion: <u>13/09/2025</u>
Batch no. of Media: <u>MSCDA 099125</u>	Autoclave load no: <u>AUT555125</u>
Name of culture : <u>S. aureus</u>	code of cultures : <u>STQ3m2w1D6</u>

Observations:

Dilution <u>10⁻⁸</u>		Dilution <u>10⁻⁷</u>		Dilution <u>10⁻⁶</u>	
CFU in plate1	CFU in plate2	CFU in plate1	CFU in plate2	CFU in plate1	CFU in plate2
<u>79</u>	<u>83</u>	<u>130</u>	<u>138</u>	<u>TNTC</u>	<u>TNTC</u>
Mean CFU: <u>81</u>		Mean CFU: <u>134</u>		Mean CFU: <u>NA</u>	
Tested By/on: <u>13/09/2025</u>				Checked By/on: <u>13/09/2025</u>	

2nd STEP:

Date of starting: <u>13/09/2025</u>	Date of completion: <u>15/09/2025</u>
Batch no. of Media: <u>MMSA (0000654195)</u>	Autoclave load no: <u>AUT562125</u>
Name of culture : <u>S. aureus</u>	code of cultures : <u>STQ3m2w1D6</u>
Appearance of the dehydrated medium: <u>cream to pink free flowing homogeneous powder</u>	

Select the dilution from Step 1 having colonies between 10-100 CFU/ml

Observations:

Plate Number	No. of CFU inoculated	No. of CFU obtained	Mean CFU obtained	% Recovery = (No. of CFU obtained / No. of CFU inoculated) x 100	Acceptance Criteria:
Plate 1	<u>81</u>	<u>76</u>	<u>78</u>	<u>96.29 %</u>	Not Less Than 75%
Plate 2	<u>81</u>	<u>80</u>			
Inhibitory strain used:				<u>E. coli</u>	
Negative control				<u>No growth observed</u>	
The growth (CFU) show / do not show specific colony characteristics.					
Tested By/on: <u>15/09/2025</u>				Checked By/on: <u>15/09/2025</u>	

Result: Media complies/~~does not complies~~ the Growth Promotion Test.

Performed By Sign/Date	Reviewed By Sign/Date	Approved By Sign/Date
<u>15/09/2025</u>	<u>15/09/2025</u>	<u>15/09/2025</u>