



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Urea Agar Base (Christensen's)</b>	
<b>Product Code: DM283</b>	<b>Expiry Date: 25/05/2023</b>
<b>Lot Number: 03060518</b>	<b>Release Date: 25/05/2018</b>
<b>Analytical Report Number: QAD/AR-18/05-484</b>	<b>Page No: 1 of 2</b>

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to light pink colored powder	Light yellow to light pink colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Yellowish orange coloured	Yellowish orange coloured	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in tubes as slants	Clear to slightly opalescent gel formed in tubes as slants	Complies
pH (After sterilization)	6.60-7.00 at 25°C	6.68	Complies
Gel strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies

### CULTURAL PARAMETERS:

Cultural characteristics observed on addition of sterile Urea Solution-40% (MS031)

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Urease Reaction	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C / 18-24 hrs.	84	Luxuriant	Negative reaction No change	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18-24 hrs.	58	Luxuriant	Negative reaction No change	Complies
<i>Klebsiella pneumonia</i> ATCC 13883	35-37°C / 18-24 hrs.	72	Luxuriant	Positive reaction Cerise colour (deep bright pink)	Complies



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### CULTURAL PARAMETERS:

Cultural characteristics observed on addition of sterile Urea Solution -40% (MS031)

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Urease Reaction	Remarks
<i>Proteus mirabilis</i> ATCC 25933	35-37°C / 18-24 hrs.	75	Luxuriant	Positive reaction Cerise colour (deep bright pink)	Complies
<i>Proteus vulgaris</i> ATCC 13315	35-37°C / 18-24 hrs.	70	Luxuriant	Positive reaction Cerise colour (deep bright pink)	Complies
<i>Salmonella typhimurium</i> ATCC 14028	35-37°C / 18-24 hrs.	81	Luxuriant	Negative reaction No change	Complies

### Final Results: COMPLIES

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

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

End Of The Report