



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

|  |                                 |
|--|---------------------------------|
| <b>Product Name: Urinary Tract Infection Master Multidiscs (12-in-1 Combi Discs)</b> |                                 |
| <b>Product Code: MD003</b>   | <b>Expiry Date: 07/10/2021</b>  |
| <b>Lot Number: 01820318</b>  | <b>Release Date: 11/04/2018</b> |
| <b>Analytical Report Number: QAD/AR-18/04-347</b>                                    | <b>Page No: 1 of 2</b>          |

| TEST CONDUCTED                  | SPECIFICATION   | OBSERVATIONS  | REMARKS  |
|---------------------------------|---|---|----------|
| Appearance                      | Filter paper rings of 12 discs of 6 mm diameter with printed "SYMBOL" on one side of the rings. | Filter paper rings of 12 discs of 6 mm diameter with printed "SYMBOL" on one side of the rings. | Complies |
| <b>TEST CONDITION</b>           |   |   |          |
| Media used (Product Code)       | Mueller Hinton Agar( DM172)   | Mueller Hinton Agar( DM172)   | Complies |
| Incubation temperature and time | 32-35°C/18-24 hrs   | 32-35°C/18-24 hrs   | Complies |

### CULTURAL PARAMETERS:

| Sr. No. | Antibiotics Used        | Standard Zone Diameter             | Zone Diameter Observed In mm | Standard Zone Diameter                  | Zone Diameter Observed In mm | Standard Zone Diameter                   | Zone Diameter Observed In mm | Remarks  |
|---------|-------------------------|------------------------------------|------------------------------|---|------------------------------|--|------------------------------|----------|
|         |                         | <i>Escherichia coli</i> ATCC 25922 |                              | <i>Staphylococcus aureus</i> ATCC 25923 |                              | <i>Pseudomonas aeruginosa</i> ATCC 27853 |                              |          |
| 1.      | Amikacin AK-30 mcg      | 19-26                              | 26                           | 20-26                                   | 26                           | 18-26                                    | 26                           | Complies |
| 2.      | Cefixime CFM-5 mcg      | 23-27                              | 27                           | NA                                      | NA                           | NA                                       | NA                           | Complies |
| 3.      | Ceftriaxone CTR- 30 mcg | 29-35                              | 34                           | 22-28                                   | 26                           | 17-23                                    | 22                           | Complies |
| 4.      | Cephalexin CN-30 mcg    | 15-21                              | 20                           | 29-37                                   | 30                           | NA                                       | NA                           | Complies |
| 5.      | Cefoperazone CPZ-5 mcg  | 28-34                              | 34                           | 24-33                                   | 30                           | 23-29                                    | 28                           | Complies |
| 6.      | Gentamycin GEN-10 mcg   | 19-26                              | 20                           | 19-27                                   | 19                           | 16-21                                    | 17                           | Complies |
| 7.      | Kanamycin K- 30 mcg     | 17-25                              | 24                           | 19-26                                   | 26                           | NA                                       | NA                           | Complies |



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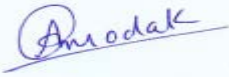

|  |                                 |
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| <b>Product Name: Urinary Tract Infection Master Multidiscs (12-in-1 Combi Discs)</b> |                                 |
| <b>Product Code: MD003</b>   | <b>Expiry Date: 07/10/2021</b>  |
| <b>Lot Number: 01820318</b>  | <b>Release Date: 11/04/2018</b> |
| <b>Analytical Report Number: QAD/AR-18/04-347</b>                                    | <b>Page No: 2 of 2</b>          |

### CULTURAL PARAMETERS:

| Sr. No. | Antibiotics Used         | Standard Zone Diameter             | Zone Diameter Observed In mm | Standard Zone Diameter                  | Zone Diameter Observed In mm | Standard Zone Diameter                   | Zone Diameter Observed In mm | Remarks  |
|---------|--------------------------|------------------------------------|------------------------------|---|------------------------------|--|------------------------------|----------|
|         |                          | <i>Escherichia coli</i> ATCC 25922 |                              | <i>Staphylococcus aureus</i> ATCC 25923 |                              | <i>Pseudomonas aeruginosa</i> ATCC 27853 |                              |          |
| 8.      | Cephalexin CTX-30 mcg    | 29-35                              | 35                           | 25-31                                   | 30                           | 18-22                                    | 22                           | Complies |
| 9.      | Cotrimoxazole COT-25 mcg | 23-29                              | 24                           | 24-32                                   | 30                           | NA                                       | NA                           | Complies |
| 10.     | Norfloxacin NX-10 mcg    | 28-35                              | 30                           | 17-28                                   | 22                           | 22-29                                    | 28                           | Complies |
| 11.     | Levofloxacin LE- 5 mcg   | 29-37                              | 36                           | 25-30                                   | 30                           | 19-26                                    | 25                           | Complies |
| 12.     | Ofloxacin OF- 5 mcg      | 29-33                              | 33                           | 24-28                                   | 28                           | 17-21                                    | 21                           | 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<br/>(Deepti Nair)<br/>MICROBIOLOGIST</b>                               | <b>CHECKED BY<br/>(Aditi Modak)<br/>HEAD MICROBIOLOGY</b>                           | <b>APPROVED BY<br/>(Rupali Sabale)<br/>HEAD QUALITY ASSURANCE</b>                     |

End Of The Report