

**HiMedia Laboratories Private Limited**

C-40, Road No.21Y, MIDC, Wagle Ind. Area,Thane(W) - 400604

Website : www.himedialabs.com, Email : info@himedialabs.com

**Certificate of Analysis , Quality and Conformity**

|                               |  |                            |
|-------------------------------|--|----------------------------|
| <b>Material Code : GRM016</b> | <b>Material Name :</b><br>D-(+)-Glucose anhydrous (Dextrose anhydrous) | <b>Lot No : 0000620205</b> |
| <b>AR No.: 10000573780</b>    | <b>Date of Report : 2023-12-06</b>                                     | <b>Exp. Date : 2027-12</b> |

| <b>TEST</b>   | <b>SPECIFICATIONS</b>  | <b>RESULTS</b>                   |
|---|--|----------------------------------|
| <u><b>Appearance</b></u><br>1 Appearance  | Colourless to white or almost white crystals or powder or granules   | Complies                         |
| <u><b>Solubility</b></u><br>1 Solubility  | 100 mg soluble in 1 mL of water  | Complies                         |
| <u><b>Clarity</b></u><br>1 Clarity  | 10% w/v aqueous solution is clear and colourless   | Complies                         |
| <u><b>Cultural Response</b></u><br>1 Cultural response  | Cultural response was observed after an incubation at 37°C for 18- 24 hours by preparing Phenol Red Dextrose Broth(M056)using D-(+)-Glucose, anhydrous as an ingredient. |                                  |
| <u><b>Salmonella enterica serovar Typhimurium ATCC 14028 ( WDCM 00031)</b></u><br>1 Growth<br>2 Acid<br>3 Gas | Luxuriant<br>Positive reaction, yellow colour<br>Positive reaction   | Complies<br>Complies<br>Complies |
| <u><b>Escherichia coli ATCC 25922 (WDCM 00013)</b></u><br>1 Growth<br>2 Acid<br>3 Gas                         | Luxuriant<br>Positive reaction, yellow colour.<br>Positive reaction.   | Complies<br>Complies<br>Complies |
| <u><b>Proteus hauseri ATCC 13315</b></u><br>1 Growth<br>2 Acid<br>3 Gas                                       | Luxuriant<br>Positive reaction, yellow colour<br>Positive reaction   | Complies<br>Complies<br>Complies |
| <u><b>Klebsiella pneumoniae ATCC13383 (WDCM 00097)</b></u><br>1 Growth  | Luxuriant  | Complies                         |

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| <b>AR No.:</b> 10000573780    | <b>Date of Report</b> : 2023-12-06                                     | <b>Exp. Date</b> : 2027-12 |

| TEST  | SPECIFICATIONS  | RESULTS  |
|---|---|--|
| 2 Acid<br>3 Gas   | Positive reaction, yellow colour.<br>Positive reaction.                   | Complies<br>Complies                                       |
| <b><u>Shigella flexneri ATCC 12022</u></b><br><b><u>(WDCM 00126)</u></b>  |   |  |
| 1 Growth<br>2 Acid<br>3 Gas   | Luxuriant<br>Positive reaction, yellow colour<br>Negative reaction        | Complies<br>Complies<br>Complies                           |
| <b><u>Chemical Analysis</u></b>   |   |  |
| 1 Specific rotation<br>2 Melting range<br>3 Chloride (Cl)<br>4 Sulfate (SO <sub>4</sub> )<br>5 Water (K.F.)<br>6 Assay (HPLC) | 52.50° - 53.30°<br>150°C - 152°C<br>≤ 0.0125%<br>≤ 0.02%<br>≤ 1%<br>≥ 99% | 52.52°<br>152°C<br>Complies<br>Complies<br>0.38%<br>99.92% |

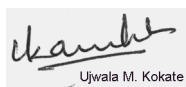
**STATUS OF THE MATERIAL : APPROVED**

This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current HiMedia manual or product sheets.

**This document has been produced electronically and is valid**

  
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