

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

Material Code : GRM111	Material Name : D-(+)-Xylose	Lot No : 0000515318
AR No.: 10000496207	Date of Report : 2022-01-17	Exp. Date : 2026-01
TEST	SPECIFICATIONS	RESULTS
<u>Appearance</u> 1 Appearance	Colourless or white to off-white crystals or powder or needles	Complies
<u>Solubility</u> 1 Solubility	33.3 mg soluble in 1 mL of water	Complies
<u>Clarity</u> 1 Clarity	10% w/v solution is clear	Complies
<u>Cultural Response</u> 1 Cultural response	Cultural response observed after an incubation at 35-37°C for 18-24 hours by preparing Phenol Red Xylose broth (M1015), using D(+) Xylose as an ingredient.	
<u>Citrobacter freundii ATCC 8090</u> 1 Growth 2 Acid 3 Gas	Luxuriant Positive reaction, yellow colour. Positive reaction	Complies Complies Complies
<u>*Klebsiella aerogenes ATCC 13048 (WDCM 00175)</u> 1 Growth 2 Acid 3 Gas	Luxuriant Positive reaction, yellow colour. Positive reaction.	Complies Complies Complies
<u>Escherichia coli ATCC 25922 (WDCM 00013)</u> 1 Growth 2 Acid 3 Gas	Luxuriant Positive reaction, yellow colour. Positive reaction.	Complies Complies Complies
<u>Klebsiella pneumoniae ATCC13383 (WDCM 00097)</u> 1 Growth 2 Acid 3 Gas	Luxuriant Positive reaction, yellow colour. Positive reaction.	Complies Complies Complies

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<u>Proteus hauseri ATCC 13315</u> 1 Growth 2 Acid 3 Gas	Luxuriant Negative reaction, no colour change or red colour. Negative reaction.	Complies Complies Complies
<u>Serratia marcescens ATCC 8100</u> 1 Growth 2 Acid 3 Gas	Luxuriant Negative reaction, no colour change or red colour. Negative reaction.	Complies Complies Complies
<u>Salmonella enterica serovar Typhi ATCC 6539</u> 1 Growth 2 Acid 3 Gas	Luxuriant Positive reaction, yellow colour. Negative reaction.	Complies Complies Complies
<u>Salmonella enterica serovar Typhimurium ATCC 14028 (WDCM 00031)</u> 1 Growth 2 Acid 3 Gas	Luxuriant Positive reaction, yellow colour. Positive reaction.	Complies Complies Complies
<u>Shigella flexneri ATCC 12022 (WDCM 00126)</u> 1 Growth 2 Acid 3 Gas	Luxuriant Negative reaction, no colour change or red colour. Negative reaction.	Complies Complies Complies
<u>Chemical Analysis</u> 1 FTIR 2 Specific rotation 3 Melting range 4 Heavy metals (as Pb) 5 Sulphated ash 6 Assay (UV/HPLC)	Matches with the standard pattern 18.50° - 19.50° 145°C - 158°C ≤ 0.00200% ≤ 0.100% 99% - 102%	Complies 19.06° 150.6°C 0.00002% 0.080% 99.99%

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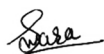
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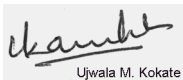
STATUS OF THE MATERIAL : APPROVED

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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