

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 : RM001	Material Name : Peptone, Bacteriological	Lot No : 0000575577
AR No.: 40001329042	Date of Report : 2023-02-16	Exp. Date : 2028-01
TEST	SPECIFICATIONS	RESULTS
<u>Appearance</u>		
1 Colour of powder	Light yellow to brownish yellow	Yellow
2 Nature	homogenous	Complies
3 Consistency	free flowing powder	Complies
4 Odour	Characteristic odour but not putrescent	Complies
<u>Solubility</u>		
1 Solubility	Freely soluble in distilled/purified water, insoluble in alcohol.	Complies
<u>Clarity</u>		
1 Clarity	2% w/v aqueous solution remains clear and neutral without any haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes.	Complies
<u>pH</u>		
1 pH of 2% w/v aqueous solution at 25°C	6.10 - 7.10	6.69
<u>Microbial Load</u>		
1 Total aerobic microbial count (cfu/gm)	By plate method, when incubated at 30-35°C for not less than 3 days.	-
2 total aerobic microbial count (cfu/gm)	≤ 2000	45
3 Total yeast and mold count (cfu/gm)	By plate method, when incubated at 20-25°C for not less than 5 days.	-
4 total yeast and mold count (cfu/gm)	≤ 100	3
<u>Test for pathogens</u>		
1 Test for pathogens	1. Escherichia Coli- Absent/gram of sample 2. Salmonella species- Absent/10 gram of sample 3. Pseudomonas aeruginosa- Absent/gram of sample 4. Staphylococcus aureus- Absent/gram of sample 5. Candida albicans- Absent/gram of sample 6. Clostridia- Absent/gram of sample	Absent

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TEST	SPECIFICATIONS	RESULTS
<u>Indole test</u> 1 Indole test	Tryptophan content: Passes	Complies
<u>Cultural response</u> 1 Cultural response	Cultural response observed after incubation at 35 - 37°C for 18-48 hours by preparing Nutrient Agar (M001), using Peptone Bacteriological as an ingredient.	
<u>Escherichia coli ATCC 25922 (WDCM00013)</u> 1 Growth	Luxuriant	Complies
<u>Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)</u> 1 Growth	Luxuriant	Complies
<u>Staphylococcus aureus subsp.aureus ATCC 25923(WDCM 00034)</u> 1 Growth	Luxuriant	Complies
<u>Salmonella enterica subsp. enterica Typhi ATCC 6539</u> 1 Growth	Luxuriant	Complies
<u>Streptococcus pyogenes ATCC 19615</u> 1 Growth	Luxuriant	Complies
<u>Salmonella enterica subsp.enterica Enteritidis ATCC 13076 (WDCM 00030)</u> 1 Growth	Luxuriant	Complies
<u>Salmonella enterica subsp.enterica Typhimurium ATCC 14028 (WDCM 00031)</u> 1 Growth	Luxuriant	Complies

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TEST	SPECIFICATIONS	RESULTS
<u>Yersinia enterocolitica subsp. enterocolitica ATCC 9610 (WDCM 00038)</u>		
1 Growth	Luxuriant	Complies
<u>Yersinia enterocolitica subsp. enterocolitica ATCC 23715 (WDCM 00160)</u>		
1 Growth	Luxuriant	Complies
<u>Chemical Analysis</u>		
1 Total Nitrogen	≥ 13.50%	14.61%
2 Amino Nitrogen	≥ 2.70%	2.95%
3 Sodium Chloride	≤ 5%	2.61%
4 Loss on drying	≤ 7%	4.15%
5 Residue on Ignition	≤ 15%	7.27%

Information for BSE/TSE Risk The material was subjected to pH ≤ 7.0 and/or a temperature in excess of 75°C for no less than 2 hours during the manufacturing process. The bovine raw material for this product was collected entirely from Indian Origin animals in a licensed based establishment. The animals are inspected under a Govt. approved veterinarian's supervision and were apparently free from infectious and contagious diseases. BSE (Bovine Spongiform Encephalopathy)/ TSE (Transmissible Spongiform Encephalopathy) and dioxine are not known to exist in India. This material does not contain, nor is derived from the specific risks material as defined in The Maharashtra Animal Preservation Act Govt. of Maharashtra, India.

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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