



HM Peptone B, Type 1

RM669

Principle And Interpretation

J O "Rgrvqpg" D. "V { r g " 3 " k u " w u g f " k p " d c e v g t k n q i k e c n " r t g r c t c v k q p . " i g p g t c n " r w t r q u g " o g f k c . " f k c i p q u w k e " r w t r q u g u " c p f " h q t " o c u u " e w n v k x c v k q p " k u " g s w k x c n g p v " v q " O g c v " G z v t c e v " D " R q y f g t . V { r g " 3 0

Quality Control

Appearance

N k i j v " { g m n q y " v q " d t q y p k u j " { g m n q y " j q o q i g p q w u " h t g g " h n q y k p i " r q y f g t , h a v i n g e j c t c e v g t k u v k e " q f q w t " d w v " p q v " r w v t g u e g p v . "

Solubility

H t g g n { " u q n w d n g " k p " f k u v k n g f l r w t k h k g f " y c v g t . " k p u q n w d n g " k p " c n e q j q n 0

Clarity

3 " y l x " c s w g q w u " u q n w v k q p " k u " e n g c t " v q " u n k i j v " q r c n g u e g p v " " c h v g t " c w w q e n c x k p i " c v " 3 7 " n d u " r t g u u w t g " * 3 4 3 à E " + " h q t " 3 7 " o k p w v g u 0

Reaction

T g c e v k q p " q h " 4 " ' " y l x " c s w g q w u " u q n w v k q p " c v " 4 7 à E 0

pH

6 0 5 2 / " 7 0 5 2

Microbial Load:

Total aerobic microbial count (cfu/gm)

By plate method when incubated at 30-35°C for not less than 3 days.

Bacterial Count : <= 2000 CFU/gram

Total Yeast and mould count (cfu/gm)

By plate method when incubated at 20-25°C for not less than 5 days.

Yeast & mould Count : <= 100 CFU/gram

Test for Pathogens

3 0 " 8 f V X e V V T b _ Y " P g i c v k x g " k p " 3 2 " i o u " q h " u c o r n g 4 0 " F T ` b a X T u r g e k g u / " P g i c v k x g " k p " 3 2 " i o u " q h " u c o r n g 5 0 " C f X M b b a T f a e r u g i n o s a / " P g i c v k x g " k p " 3 2 " i o u " q h " u c o r n g 6 0 " F g t c [l b v W h f T h e X t f " P g i c v k x g " k p " 3 2 " i o u " q h " u c o r n g 7 0 " 6 T a W W T U V T a f " P g i c v k x g " k p " 3 2 " i o u " q h " u c o r n g 8 0 " 6 b f g W I " P g i c v k x g " k p " 3 2 " i o u " q h " u c o r n g

Indole Test

V t { r v q r j c p " e q p v g p v < " R c u u g u

Cultural response

E w n w w t c n " t g u r q p u g " q d u g t x g f " c h v g t " c p " k p e w d c v k q p " c v " 5 7 / 5 9 à E " h q t " 3 : / 4 6 " j q w t u " d { " r t g r c t k p i " P w v t k g p v " C i c t " * O 2 2 3 + " w u k p i " H M P e p t o n e " D . " V { r g " 3 " c u " c p " k p i t g f k g p v 0

Cultural Response

Organism

Growth

<i>Escherichia coli</i> " C V E E " 4 7 ; 4 4 " * Y F E O 2 2 2 3 5 + "	Luxuriant
<i>Pseudomonas aeruginosa</i> " C V E E " * Y F E O " 2 2 2 4 7 + "	Luxuriant
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 25923 (WDCM 00034)	Luxuriant
<i>Salmonella</i> enterica serovar Typhi ATCC 6539	Luxuriant
<i>Streptococcus pyogenes</i> ATCC 19615	Luxuriant
<i>Salmonella</i> " g p v g t k e c " u g t q x c t Enteritidis ATCC 13076 (WDCM 00030)	Luxuriant
<i>Salmonella</i> ~ enterica serovar ~ Typhimurium ATCC 14028 (WDCM 00031)	Luxuriant
<i>Yersinia enterocolitica</i> ATCC 9610 (WDCM 00038)	Luxuriant
<i>Yersinia enterocolitica</i> ATCC 23715 (WDCM 00160)	Luxuriant

Chemical Analysis

Total Nitrogen	$\geq 11.0\%$
Amino Nitrogen	$\geq 3.0\%$
Sodium chloride	$\leq 6.5\%$
Loss on drying	$\leq 5.0\%$
Residue on ignition	$\leq 17.0\%$

Storage and Shelf Life

Store between 10-30°C in tightly closed container and away from bright light. Use before expiry date on label. On opening, product should be properly stored in dry ventilated area protected from extremes of temperature and sources of ignition. Seal the container tightly after use.

Revision : 10 / 2021

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