

PRODUCT INFORMATION

MYP Agar is recommended for the enumeration, detection and isolation of *Bacillus cereus* in food products.



Bacillus subtilis (yellow colonies; orange media)

MANNITOL YOLK POLYMYXIN (MYP) AGAR

Material 5056

PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is clear to hazy and light orange to pink-orange

pH: 6.7 - 7.1 @25°C

GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Bacillus cereus</i> ATCC® 13061	Good growth; Pink to red colonies with a reaction zone; Media turns bright pink
<i>Bacillus subtilis</i> ATCC® 6633	Good growth; Yellow colonies with no reaction zone; Media remains orange to yellow orange
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Partial to complete inhibition

FORMULA[†] (per Liter):

Mannitol	10.0g
Peptone	10.0g
Sodium Chloride	10.0g
Beef Extract	1.0g
Phenol Red	0.025g
Agar	14.0g

Supplemented with Egg Yolk Emulsion and polymyxin B

Adjusted and/or supplemented as required to meet performance criteria

STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C away from light upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 182 days (6 months) from the date of manufacture. Reference our *Prepared Media Storage and Handling* document for additional information.

S² Media

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