

## PRODUCT INFORMATION

Utilized to isolate and differentiate coliform organisms and enteric pathogens based upon lactose fermentation. Recommended in standard methods for water, dairy, cosmetic, food, pharmaceutical, and clinical samples.

### FORMULA\* (per Liter):

Pancreatic Digest of Gelatin ..	17.0g
Casein Digest Peptone .....	1.5g
Peptic Digest of Animal Tissue	1.0g
Neutral Red .....	0.03g
Lactose .....	10.0g
Sodium Chloride .....	5.0g
Agar .....	13.5g
Bile Salts Mixture .....	1.5g
Crystal Violet .....	0.001g

\*Adjusted and/or supplemented as required to meet performance criteria

## S<sup>2</sup> Media

2205 North Woodruff Rd,  
Suite 9  
Spokane Valley, WA 99206  
(509) 919-3714

[www.s2cm.com](http://www.s2cm.com)  
[info@s2cm.com](mailto:info@s2cm.com)



# MACCONKEY AGAR

## Material 5008 (MAC)

### PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is clear to trace hazy and medium to dark pinkish-purple

pH: 6.9 - 7.3 @25°C

### GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Enterococcus faecalis</i> ATCC® 29212	Marked to complete inhibition
<i>Escherichia coli</i> ATCC® 25922	Good growth; Pink to purple colonies; Positive bile precipitate
<i>Proteus mirabilis</i> ATCC® 12453	Good growth; Colorless; Negative bile precipitate
<i>Escherichia coli</i> <sup>(1)</sup> ATCC® 8739	Good growth; Pink to purple colonies; Positive bile precipitate
<i>Escherichia coli</i> <sup>(2)</sup> ATCC® 8739	Good growth; Pink to purple colonies; Positive bile precipitate

<sup>(1)</sup> 33-37°C; <sup>(2)</sup> 28-32°C

### STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C 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 275 days (9 months) from the date of manufacture. Reference our *Prepared Media Storage and Handling* document for additional information.