

PRODUCT INFORMATION

R2A is recommended for the enumeration of heterotrophic organisms found in treated potable water. The low nutrient content medium promotes growth of stressed or damaged bacteria in conjunction with lower incubation temperatures and longer incubation times.

FORMULA* (per Liter):

Casein Digest Peptone	0.25g
Peptic Digest of Animal Tissue	0.25g
Glucose	0.5g
Magnesium Sulfate Heptahydrate	0.1g
Sodium Pyruvate	0.3g
Yeast Extract	0.5g
Casein Acid Hydrolysate	0.5g
Soluble Starch	0.5g
Dipotassium Phosphate	0.3g
Agar	15.0g

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



REASONER'S 2A AGAR (R2A)

Material 5003

PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is clear to slightly hazy and light beige

pH: 7.0 - 7.4 @25°C

GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Enterococcus faecalis</i> ATCC® 29212	Good growth
<i>Escherichia coli</i> ATCC® 25922	Good growth
<i>Staphylococcus aureus</i> ATCC® 25923	Good growth
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Good growth

STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C or 23-27°C (Controlled Room Temperature, USP) 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) under both storage conditions. Reference our *Prepared Media Storage and Handling* document for additional information.

S² Media

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