

## PRODUCT INFORMATION

Orange Serum Broth

Cat. No. O15-106

### DESCRIPTION

Orange Serum Broth is used for cultivating aciduric citrus microorganisms, particularly those associated with the spoilage of citrus products.

### FORMULA (g/L)

Orange Serum Mixture	7.0 g	Yeast Extract	3.0 g
Dipotassium Phosphate	2.5 g	Tryptone	3.0 g
Dextrose	4.0 g		

Final pH: 5.6 ± 0.2 at 25 °C

\*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

### PREPARATION

Mix 19.5 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and pale to very light orange.
2. Visually the prepared medium is clear to slightly opalescent and light to medium amber.
3. Expected cultural response after 40 - 48 hours at 30°C.

ORGANISM	RESULT
<i>Aspergillus brasiliensis</i> ATCC 16404	Growth
<i>Lactobacillus fermentum</i> ATCC 9338	Growth
<i>Leuconostoc mesenteroides</i> ATCC 23386	Growth
<i>Saccharomyces cerevisiae</i> ATCC 9763	Growth



## **STORAGE**

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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