

Folic Acid Casei Medium

Cat# C3281 --100g

Storage at 4 °C

DIRECTIONS

Suspend 9.4 grams in 100 ml distilled water and add 50 mg ascorbic acid. Heat to boiling to dissolve the medium completely. For assay dispense 5 ml medium per assay tube (containing increasing amount of standard on the unknown) and make the total volume to 10 ml with distilled water. Sterilize by autoclaving at 15 lbs pressure (121°C) for 5 minutes. Cool immediately.

STORAGE and SHELF LIFE

Store dehydrated powder below 8°C in tightly closed container and the prepared medium at 2 - 8°C. Use before expiry date on the label

COMPOSITION

INGREDIENTS	Gms/Liter
Vitamin free casein acid hydrolysate	10.000
Dextrose	40.000
Sodium acetate	40.000
Dipotassium phosphate	1.000
Monopotassium phosphate	1.000
DL-Tryptophan	0.200
L-Asparagine	0.600
L-Cystine hydrochloride	0.500
Adenine sulphate	0.010
Guanine hydrochloride	0.010
Uracil	0.010
Xanthine	0.020
Sorbitan monooleate complex	0.100
Glutathione reduced	0.005
Magnesium sulphate	0.400
Sodium chloride	0.020
Ferrous sulphate	0.020
Manganese sulphate	0.015
Riboflavin (Vitamin B2)	0.001
p-Amino benzoic acid (PABA)	0.002
Pyridoxine hydrochloride	0.004
Thiamine hydrochloride	0.0004
Calcium pantothenate	0.0008
Nicotinic acid	0.0008
Biotin	0.00002
Final pH (at 25°C)	6.7±0.1
**Formula adjusted, standardized to suit performance parameters	