



Product Information

MICROBIOLOGICAL MEDIA

CORN MEAL AGAR

<u>COMPONENT</u>	C 1176 g/L
Agar	15.0
Corn Meal, Infusion from	2.0
Grams of powder required to prepare 1 L	17.0

CZAPEK-DOX BROTH

<u>COMPONENT</u>	C 1551 g/L
Agar	15.0
Ferrous Sulfate	0.01
Magnesium Sulfate	0.5
Potassium Chloride	0.5
Potassium Phosphate Dibasic	1.0
Sodium Nitrate	3.0
Sucrose	30.0
Grams of powder required to prepare 1 L	35.0

LURIA BROTH AND AGAR

<u>COMPONENT</u>	L 1900 g/L	L 2025 g/L
Agar	—	15.0
Sodium Chloride	0.5	0.5
Tryptone	10.0	10.0
Yeast Extract	5.0	5.0
Grams of powder required to prepare 1 L	15.5	30.5

LB BROTH AND AGAR, MILLER

<u>COMPONENT</u>	L 3152 g/L	L 3027 g/L
Agar	—	15.0
Sodium Chloride	10.0	10.0
Tryptone	10.0	10.0
Yeast Extract	5.0	5.0
Grams of powder required to prepare 1 L	25.0	40.0

MacCONKEY AGAR

<u>COMPONENT</u>	M 7408 g/L
Peptone	17.0
Proteose Peptone	3.0
Lactose	10.0
Bile Salts No. 3	1.5
Sodium Chloride	5.0
Agar	13.5
Neutral Red	0.03
Crystal Violet	0.001
Grams of powder required to prepare 1 L	50.0

MALT EXTRACT BROTH AND AGAR

<u>COMPONENT</u>	M 6409 g/L	M 6907 g/L
Agar	—	15.0
Dextrin	—	2.75
Glucose (Dextrose)	6.0	—
Glycerol	—	2.35
Malt Extract	6.0	—
Maltose	1.8	12.75
Peptone	—	0.78
Yeast Extract	1.2	—
Grams of powder required to prepare 1 L	15.0	33.6

Microbiological Media continued

MYCOPLASMA AGAR AND BROTH

<u>COMPONENT</u>	M 0660 g/L	M 0535 g/L
Bacterial Peptone	10.0	10.0
LAB-LEMCO Powder	10.0	10.0
Sodium Chloride	5.0	5.0
Mineral Supplement	0.5	0.5
Agar	10.0	—
Grams of powder required to prepare 1 L	35.5	25.5

MYCOPLASMA TEST BROTH AND MEDIUM

<u>COMPONENT</u>	M 1539 g/L	M 1914 g/L
AMINO ACIDS		
Arginine	1.0	2.0
OTHER		
Agar (Bacterial Grade)	—	16.0
DNA	0.02	0.04
D-Glucose	1.0	2.0
Horse Serum (Donor Herd)	100.0	200.0
Phenol Red•Na	0.02	0.04
PPLO Broth without Crystal Violet	20.0	40.0
Yeast Extract	12.5	25.0

NUTRIENT AGAR

<u>COMPONENT</u>	N 0394 g/L	N 4019 g/L	N 7519 g/L
Agar	15.0	15.0	—
Beef Extract	3.0	3.0	3.0
Peptone	5.0	5.0	5.0
Sodium Chloride	—	8.0	—
Grams of powder required to prepare 1 L	23.0	31.0	8.0

OATMEAL AGAR

<u>COMPONENT</u>	O 3506 g/L
Agar	12.5
Oatmeal	60.0
Grams of powder required to prepare 1 L	72.5

TRYPTIC SOY BROTH AND AGAR

<u>COMPONENT</u>	T 8907 g/L	T 4536 g/L
Agar	—	15.0
Dextrose	2.5	—
Dipotassium phosphate	2.5	—
Pancreatic digest of casein	17.0	15.0
Papaic digest of soy meal	3.0	5.0
Sodium chloride	5.0	5.0
Grams of powder required to prepare 1 L	30.0	40.0

THIOGLYCOLLATE MEDIUM

<u>COMPONENT</u>	T 9032 g/L
Pancreatic Digest of casein	15.0
Agar	0.75
Yeast extract	5.0
Dextrose	5.5
L-Cystine	0.5
Sodium chloride	2.5
Sodium thioglycollate	0.5
Resazurin	0.001
Grams of powder required to prepare 1 L	29.8

TRYPTOSE PHOSPHATE BROTH

<u>COMPONENT</u>	T 8159 g/L	T 8159 g/L
Tryptose	20.0	20.0
Dextrose	2.0	2.0
Sodium chloride	5.0	5.0
Disodium phosphate	2.5	2.5
Grams of powder required to prepare 1 L	29.5	N/A

POTATO DEXTROSE AGAR AND BROTH

<u>COMPONENT</u>	P 2182 g/L	P 6685 g/L
Agar	15.0	—
Glucose (Dextrose)	20.0	20.0
Potatoes, Infusion from	4.0	4.0
Grams to prepare 1 L	39.0	24.0