



## Product Information

### MICROBIOLOGICAL MEDIA

#### CORN MEAL AGAR

| <u>COMPONENT</u>                        | <b>C 1176</b><br>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>                        | <b>C 1551</b><br>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>                        | <b>L 1900</b><br>g/L | <b>L 2025</b><br>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>                        | <b>L 3152</b><br>g/L | <b>L 3027</b><br>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>                        | <b>M 7408</b><br>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>                        | <b>M 6409</b><br>g/L | <b>M 6907</b><br>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>                        | <b>M 0660</b><br>g/L | <b>M 0535</b><br>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>                  | <b>M 1539</b><br>g/L | <b>M 1914</b><br>g/L |
|-----------------------------------|----------------------|----------------------|
| <b>AMINO ACIDS</b>                |                      |                      |
| Arginine                          | 1.0                  | 2.0                  |
| <b>OTHER</b>                      |                      |                      |
| 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>                        | <b>N 0394</b><br>g/L | <b>N 4019</b><br>g/L | <b>N 7519</b><br>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>                        | <b>O 3506</b><br>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>                        | <b>T 8907</b><br>g/L | <b>T 4536</b><br>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>                        | <b>T 9032</b><br>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>                        | <b>T 8159</b><br>g/L | <b>T 8159</b><br>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>        | <b>P 2182</b><br>g/L | <b>P 6685</b><br>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                 |