

COMPOSITION

| Iscove's Modified Dulbecco's Medium (IMDM) | | CAS number | LM- I1090 Liquid mg/l | LM- I1091 Liquid mg/l | LM- I1092 Liquid mg/l | PM- I1093 Powder mg/l |
|--|---|---------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Amino Acids | Glycine | 56-40-6 | 30 | 30 | 30 | 30 |
| | L-Alanine | 56-41-7 | 25 | 25 | 25 | 25 |
| | L-Alanyl-L-Glutamine (Glutamine stable) | 39537-23-0 | / | 862 | / | / |
| | L-Arginine Monohydrochloride | 1119-34-2 | 84 | 84 | 84 | 84 |
| | L-Asparagine Monohydrate | 5794-13-8 | 28,4 | 28,4 | 28,4 | 28,4 |
| | L-Aspartic Acid | 56-84-8 | 30 | 30 | 30 | 30 |
| | L-Cystine Dihydrochloride | 30925-07-6 | 91,24 | 91,24 | 91,24 | 91,24 |
| | L-Glutamic Acid | 56-86-0 | 75 | 75 | 75 | 75 |
| | L-Glutamine | 56-85-9 | 584 | / | / | 584 |
| | L-Histidine Monohydrochloride Monohydrate | 5934-29-2 | 42 | 42 | 42 | 42 |
| | L-Isoleucine | 73-32-5 | 105 | 105 | 105 | 105 |
| | L-Leucine | 61-90-5 | 105 | 105 | 105 | 105 |
| | L-Lysine Monohydrochloride | 657-27-2 | 146 | 146 | 146 | 146 |
| | L-Methionine | 63-68-3 | 30 | 30 | 30 | 30 |
| | L-Phenylalanine | 63-91-2 | 66 | 66 | 66 | 66 |
| | L-Proline | 147-85-3 | 40 | 40 | 40 | 40 |
| | L-Serine | 56-45-1 | 42 | 42 | 42 | 42 |
| | L-Threonine | 72-19-5 | 95 | 95 | 95 | 95 |
| | L-Tryptophan | 73-22-3 | 16 | 16 | 16 | 16 |
| L-Tyrosine Disodium Salt Dihydrate | 122666-87- | 103,79 | 103,79 | 103,79 | 103,79 | |
| L-Valine | 72-18-4 | 94 | 94 | 94 | 94 | |
| Inorganic Salts | Calcium Chloride Dihydrate | 10035-04-8 | 219 | 219 | 219 | 219 |
| | Magnesium Sulfate Anhydrous | 7487-88-9 | 97,67 | 97,67 | 97,67 | 97,67 |
| | Potassium Chloride | 7447-40-7 | 330 | 330 | 330 | 330 |
| | Potassium Nitrate | 7757-79-1 | 0,076 | 0,076 | 0,076 | 0,076 |
| | Sodium Bicarbonate | 144-55-8 | 3024 | 3024 | 3024 | / |
| | Sodium Chloride | 7647-14-5 | 4505 | 4505 | 4505 | 4505 |
| | Sodium Phosphate Monobasic Anhydrous | 7558-80-7 | 109 | 109 | 109 | 109 |
| Sodium Selenite | 10102-18-8 | 0,017 | 0,017 | 0,017 | 0,017 | |
| Vitamins | Choline Chloride | 67-48-1 | 4 | 4 | 4 | 4 |
| | D-Biotin | 58-85-5 | 0,013 | 0,013 | 0,013 | 0,013 |
| | D-Ca Pantothenate | 137-08-6 | 4 | 4 | 4 | 4 |
| | Folic Acid | 59-30-3 | 4 | 4 | 4 | 4 |
| | Myo-Inositol | 87-89-8 | 7,2 | 7,2 | 7,2 | 7,2 |
| | Nicotinamide (Nicotinic acid amide) | 98-92-0 | 4 | 4 | 4 | 4 |
| | Pyridoxal Hydrochloride | 65-22-5 | 4 | 4 | 4 | 4 |
| | Riboflavin | 83-88-5 | 0,4 | 0,4 | 0,4 | 0,4 |
| | Thiamine Hydrochloride | 67-03-8 | 4 | 4 | 4 | 4 |
| Vitamin B12 | 68-19-9 | 0,013 | 0,013 | 0,013 | 0,013 | |
| O.C.* | D-Glucose Anhydrous | 50-99-7 | 4500 | 4500 | 4500 | 4500 |
| | Hepes Free Acid | 7365-45-9 | 5958 | 5958 | / | 5958 |
| | Phenol Red Sodium Salt | 34487-61-1 | 16 | 16 | 16 | 16 |
| | Sodium Pyruvate | 113-24-6 | 110 | 110 | 110 | 110 |

* Other Components