

## PRODUCT DATA SHEET

### MEM Sodium Pyruvate Solution (100X)

#### Description

Pyruvate is involved with amino acid metabolism and initiates the Krebs's cycle. Sodium pyruvate can be used by cells as a readily accessible carbon source for energy production and other critical metabolic pathways, bypassing the need to produce it biosynthetically from glucose or amino acids. Some cell lines require the addition of pyruvate to the culture media since they lack the ability to convert glucose or amino acids into pyruvate.

The MEM Sodium Pyruvate Solution is supplied as a 100mM (11.0 g/L) solution. Once diluted in medium, it supplies the amount of pyruvate found in MEM culture media.

#### Product Use

The recommended use concentration for this MEM Sodium Pyruvate Solution in culture media is 10 ml/L.

#### Storage and Handling

The MEM Sodium Pyruvate Solution is supplied in gamma irradiated, sterile PETG or PETE bottles. We recommend that the MEM Sodium Pyruvate Solution be stored refrigerated at a temperature of 2°C to 8°C. Always use aseptic techniques when handling the MEM Sodium Pyruvate Solution.

#### Shipping

The MEM Sodium Pyruvate Solution is shipped ambient by second day air.

*This product is manufactured for research and development purposes only. It is not intended for any human or animal diagnostic, therapeutic or other clinical uses. It is also not for agricultural, food, drug, cosmetic or household use. The use of these products must be supervised by a person technically qualified to handle potentially hazardous material.*