

Sodium Pyruvate (100X) Cat #: TC-M-SP01100

Introduction

Sodium Pyruvate is usually used as an energy supplement that is added to culturing media other than glucose. Since sodium pyruvate is only an intermediate metabolite during glycolytic pathway, therefore, it is not a necessary cell culturing supplement. However, it is recommended to use media supplemented with sodium pyruvate if it is already present in the media to avoid extending lag time. The product is prepared using water-for-injection.

Parameters

The product is sterilized by filtration.

Appearance: Transparent liquid with no color

Molecular formula: C₃H₃NaO₃

Molecular weight: 110.04

Concentration: 100mM (11004mg/L) Water Solution

Endotoxin: ≤1 EU/mL

Osmotic pressure: 170 ~ 200 mOsm/kg • H₂O

pH Value: 7.0 ~ 7.4

Storage: for long term storage 2 -8 °C, while for shipping 18-25°C for two weeks.

For laboratory use only. Not intended for any animal or human therapeutic or diagnostic uses.