

Product Name:	Sodium Pyruvate
Product Number:	S024
CAS Number:	113-24-6
Molecular Formula:	$C_3H_3NaO_3$
Molecular Weight:	110.04
Form:	Powder
Appearance:	White Crystalline Powder
Solubility:	Water: Freely soluble
pH:	5.1-7.0
Storage Conditions:	Ambient
Description:	Pyruvate is the end product of glycolysis and is used in further metabolic cycles to supply cells with energy. Sodium pyruvate is freely soluble in aqueous solution.
Mechanism of Action:	Pyruvate enters the Krebs or citric acid cycle in the presence of oxygen to supply cells with energy in the form of ATP (adenosine triphosphate).
Microbiology Applications	Sodium pyruvate is a common cell culture energy supplement.