



PRODUCT DATA

L-Sodium lactate (60%) (HPG)

Description

L-Sodium lactate 60% (HPG) is the sodium salt of natural L (+) lactic acid, produced by bio-fermentation from grain starch. Colorless or practically colorless, slightly viscous clear liquid; it has a mild saline taste, odorless, or with a slight, characteristic odor.

Information

Chemical name	Sodium-L (S)-2-hydroxypropionate
Molecular formula	CH ₃ CH (OH) COONa
Molecular weight	112.06
CAS	867-56-1
Packing	polyethylene drum, net 250kg or 25kg per drum

Specification (Complies with: USP, JP,CP)

Colour, APHA	≤30
Identification	It responds to the test for sodium and lactate
pH (1→5)	6.5~7.5
Chloride, %	≤0.005
Sulphate, %	≤0.002
Cyanide, %	≤0.00005
Iron, %	≤0.0005
Heavy metals, %	≤0.0005
Lead, %	≤0.0002
Arsenic, %	≤0.0002
Barium, %	Passes test EP
Citrate, oxalate, tartrate and phosphate	No turbidity appears
Volatile fatty acid	Passes test JP
Reducing sugars	No red precipitate is formed
Methanol and methyl esters, %	≤0.005
Density (20°C), g/ml	1.30~1.34
Stereochemical purity, %	≥98.0
Assay, %	58.5~61.5