

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: FCC, FAO/WHO, JSFA)

Description	Clear, Slightly viscous liquid. Odorless, or with a slight characteristic odor
Identification	It responds to the test for sodium and lactate
Assay, w/%	Not less than 98.0 and not more than 102.0 of the labeled concentration
Stereochemical Purity, %, L/(L+D)×100	≥98.0
Color, APHA	≤15
pH (1+5)	6.5~7.5
Chloride, w/%	≤0.005
Heavy metals (as Pb), mg/kg	≤5
Lead (Pb), mg/kg	≤2
Sulphates, w/%	≤0.002
Citrate, oxalate, tartrate and phosphate	Passes test
Sugars	Passes test
Cyanide, mg/kg	≤0.5
Iron (Fe), mg/kg	≤10
Arsenic (As), mg/kg	≤2
Barium (Ba)	Passes test
Volatile fatty acid	Passes test
Methanol and methyl esters, w/%	≤0.005
Density (20°C), g/ml	1.300~1.340