

Sodium Lactate 60% Viscous Solution

Cat. No. CEGZ-6012

Lot. No. (See product label)

Introduction

Description	Sodium lactate 60% is a pharma-grade clear viscous liquid for acidity regulation, preservation, and medical buffering uses.
Applications	Correction of metabolic acidosis; buffer in peritoneal dialysis fluid; hyperkalemia; QRS complex widening in severe arrhythmia.
Synonyms	Sodium Lactate

Product Information

Appearance	Colorless or almost colorless clear viscous liquid
Form	Liquid
CAS No.	72-17-3
Molecular Formula	$C_3H_5O_3Na$
Purity	Assay: $\geq 60\%$ or $\geq 70\%$
Impurities	Acidity: $< 0.5\%$ Chloride: < 50 ppm Sulphate: < 20 ppm
Concentration	60%
Contaminants	Chloride: $\leq 0.05\%$ Sulfate: $\leq 0.005\%$ Pb: ≤ 2 mg/kg Cyanide: ≤ 0.5 mg/kg Methanol and methyl ester: $\leq 0.025\%$
pH Stability	pH 7.1 (20% fresh aqueous solution)
Function	Acidity regulator and preservative; the source text also describes food emulsification and fresh-keeping functions.
Solubility	Mixes with water, ethanol, or glycerin arbitrarily.
Density	1.323/ml at 20 °C
Grade	Pharma grade

Usage and Packaging

Package	25 kg/plastic drum; net weight 25 kg; gross weight 26.4 kg
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Storage and Shipping Information

Storage	Preserve in well-closed, light-resistant, airtight containers.
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