



Specification

D,L-Lactic Acid Sodium Salt 60% Solution USP

Catalog Number: SL1007
CAS Number: 72-17-3
Molecular Formula: C₃H₅O₃Na
Molecular Weight: 112.06
Storage: 2°C – 8°C
Retest Period: Six years from the date of manufacture

Test	Specification
Appearance	Clear & colorless liquid
Assay (Titration)	58.8 – 61.2%
Specific Rotation	-0.05° to +0.05°
Identification Sodium Lactate	To pass test To pass test
pH	6.8 – 8.0
pH Stability on Autoclaving	≥ 6.1
Color	≤ 25APHA
Chloride	≤ 500ppm
Sulfate	To pass test
Heavy Metals	≤ 10ppm
Iron	≤ 1ppm
Citrate, Oxalate, Phosphate or Tartrate	To pass test
Residual Solvents Methanol & Methyl Esters Methyl Ethyl Pyridine	≤ 250ppm None detected

Approved:

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