

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 01614 |
| Product | DL-Lactic acid sodium salt, 60% w/w syrup |
| Lot Number | 000714-35078 2-Hydroxypropionic acid sodium salt solution Sodium DL-lactate solution |
| CAS Number | 72-17-3 |
| Molecular Formula | C ₃ H ₅ O ₃ Na |
| Molecular Weight | 112.1 |

| | |
|-------------------------------|---|
| Appearance | Liquid |
| Clarity & Color | No turbidity or undissolved matter |
| Color (APHA) | < 25 |
| Heavy Metals | < 10 ppm |
| Trace Metal Analysis | Iron: ≤ 1 ppm |
| Anion | Sulfate (SO ₄): Passes test Chloride: < 500 ppm |
| pH | 7.3 |
| Optical Rotation | [α] _D ²⁵ = 0.00° |
| Residual Solvents | Methanol and Methyl esters: < 250 ppm Citrate, oxalate, phosphate or tartrate: Passes test Methyl ethyl pyridine: None detected |
| Assay by titration | 60.4% |
| Grade | USP |
| Storage | Store at RT |
| Additional Information | pH stability on autoclaving: 6.9 Identification (Sodium and Lactate): Passes test Sugars: Passes test LAL: < 0.9 EU/q |

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager