

# Chem-Impex International, Inc.

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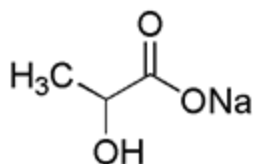
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                               |  |
|-------------------------------|--|
| <b>Catalogue Number</b>       | 01614  |
| <b>Product</b>                | <b>DL-Lactic acid sodium salt, 60% w/w syrup</b><br><br>2-Hydroxypropionic acid sodium salt solution<br><br>Sodium DL-lactate solution |
| <b>CAS Number</b>             | 72-17-3  |
| <b>Molecular Formula</b>      | C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> Na  |
| <b>Molecular Weight</b>       | 112.1  |
| <b>Appearance</b>             | Liquid   |
| <b>Clarity &amp; Color</b>    | No turbidity or undissolved matter   |
| <b>Color (APHA)</b>           | ≤ 25   |
| <b>Heavy Metals</b>           | ≤ 10 ppm   |
| <b>Anion</b>                  | Sulfate (SO <sub>4</sub> <sup>2-</sup> ): To pass test<br>Chloride (Cl <sup>-</sup> ): ≤ 500 ppm                                       |
| <b>Cation</b>                 | Iron (Fe): ≤ 1 ppm   |
| <b>pH</b>                     | 7.4 ± 0.6  |
| <b>Optical Rotation</b>       | [α] <sub>D</sub> <sup>25</sup> = 0.00 ± 0.05°  |
| <b>Residual Solvents</b>      | Methanol and Methyl esters: ≤ 250 ppm<br>Citrate, oxalate, phosphate or tartrate: To pass test<br>Methyl ethyl pyridine: None detected |
| <b>Assay by titration</b>     | 58.8-61.2%   |
| <b>Grade</b>                  | USP  |
| <b>Storage</b>                | Store at RT  |
| <b>Additional Information</b> | pH stability on autoclaving: NLT 6.1<br>Identification (Sodium and Lactate): To pass test<br>Sugars: To pass test<br>LAL: ≤ 4.8 EU/g   |

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**For Laboratory Use Only**