



### Technical data sheet

|                                          |                   |
|------------------------------------------|-------------------|
| Product                                  | L-Lactic acid 98% |
| CAS                                      | 79-33-4           |
| E number                                 | E270              |
| Molecular weight                         | $C_3H_6O_3$       |
| Molecular weight                         | 90.078            |
| Application                              | Preservative      |
| Appearance                               | Liquid            |
| Bulk density                             | 1.2-1.3g/mL       |
| Package                                  | 25kg drums        |
| Odour                                    | Sour              |
| Stereochemical purity(L-isomer) $\geq\%$ | 97.0              |
| Content $\geq\%$                         | 98.0              |
| Color, fresh $\leq$ APHA                 | 50                |
| Sulfate $\leq$ ppm                       | 10                |
| Chloride $\leq$ ppm                      | 10                |
| Sulphated ash $\leq\%$                   | 0.05              |
| Iron $\leq$ ppm                          | 10                |
| Total heavy metal $\leq$ ppm             | 10                |
| Lead $\leq$ ppm                          | 0.5               |
| Arsenic $\leq$ ppm                       | 1                 |
| Mercury $\leq$ ppm                       | 1                 |
| Cyanide $\leq$ ppm                       | 1                 |

