

## SPECIFICATION

### Lactic Acid 88%

| Parameters        | Specification                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------|
| Appearance        | Clear colorless liquid                                                                         |
| Molecular Formula | NA                                                                                             |
| Molecular Weight  | 90.08 g/mol                                                                                    |
| Boiling Point     | 246 °C                                                                                         |
| Melting Point     | 16.8 °C                                                                                        |
| Flash Point       | 120 °C                                                                                         |
| Purity            | 88–90%                                                                                         |
| Refractive Index  | 1.40                                                                                           |
| Solubility        | Soluble in water                                                                               |
| Uses              | Acidulant and buffering agent;<br>used in food, cosmetics, and<br>pharmaceutical formulations. |