

# SPECIFICATION SHEET



## PRODUCT DETAILS

### PROPAN-2-OL

|                      |              |
|----------------------|--------------|
| CAS No               | 67-63-0      |
| Molecular Formula    | C3H8O        |
| Molecular Weight     | 60.1         |
| Product Code (1 lit) | 900304L001   |
| Grade                | HPLC         |
| Specification no     | S/0002/90/R1 |
| Effective date       |              |
| Review date          |              |

## TEST

## SPECIFICATION

|  |                                 |
|--|---------------------------------|
| Appearance                                 | Clear, colourless liquid        |
| Aqueous solubility                         | Miscible with water and alcohol |
| Assay (GC)                                 | Min. 99.8%                      |
| Colour (APHA)                              | <10                             |
| Weight per ml at 20 °C                     | 0.784 - 0.786g                  |
| Refractive index                           | 1.376-1.378                     |
| Residue after Evaporation                  | max. 0.0005%                    |
| Acidity (CH3COOH)                          | max 0.003%.                     |
| Water (by KF)                              | max. 0.1%                       |
| UV Min. Transmittance (1 cm cell vs water) |                                 |
| Wavelength                                 | Transmittance                   |
| 210 nm                                     | min 30%                         |
| 220 nm                                     | min 60%                         |
| 230nm                                      | min 75%                         |
| 240 nm                                     | min 85%                         |
| 245 nm                                     | min 95%                         |
| 260 nm                                     | min 98%                         |