

## SPECIFICATION

## 1-Butanol

## Guaranteed Reagent

| REQUIREMENT   | SPECIFICATION          |
|---|------------------------|
| * Description   | Colorless clear liquid |
| Assay [CH <sub>3</sub> (CH <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> OH] (GC) | min.99.0%(area/area)   |
| Appearance  | max.10 Hazen units     |
| Solubility in water   | to pass test           |
| Solubility in ethanol   | to pass test           |
| Density (20°C)  | 0.808~0.811g/mL        |
| Refractive index 20°C   | 1.398~1.400            |
| Water   | max.0.2%(mass/mass)    |
| Residue after evaporation   | max.0.002%(mass/mass)  |
| Acidity (as CH <sub>3</sub> COOH)   | max.0.003%(mass/mass)  |
| Carbonyl compounds (as CO)  | max.0.02%(mass/mass)   |
| Substances darkened by sulfuric acid  | to pass test           |

JIS K 8810:2024(\*:Additional test performed by Wako)