

Code No.02-0332

## SPECIFICATION

## 1-Butanol

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay [ $\text{CH}_3(\text{CH}_2)_2\text{CH}_2\text{OH}$ ] (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 $\text{CH}_3\text{COOH}$ )	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)