

SPECIFICATION

1-Butanol

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay [CH ₃ (CH ₂) ₂ CH ₂ 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 ₃ 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)