

SPECIFICATION

1,4-Dioxane

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay (C ₄ H ₈ O ₂) (GC)	min.99.5%(mass/mass)
Appearance	max.10 Hazen units
Solubility in water	to pass test
Freezing point	min.11.0°C
Density (20°C)	1.030~1.035g/ml
Water	max.0.1%(mass/mass)
Residue after evaporation	max.0.01%(mass/mass)
Acidity (as CH ₃ COOH)	max.0.01%(mass/mass)
Aldehydes	to pass test
Peroxides (as H ₂ O ₂)	max.0.05%(mass/mass)
Iron (Fe)	max.1ppm(mass/mass)

JIS K 8461:2007

(*:Additional test performed by Wako but not required by JIS)