

SPECIFICATION

Diethyl Ether

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay (C ₂ H ₅ OC ₂ H ₅) (GC)	min.99.5%(area/area)
Appearance	max.10Hazen units
Density (20°C)	0.712~0.714g/mL
Water	max.0.1%(mass/mass)
Residue after evaporation	max.0.001%(mass/mass)
Acidity (as CH ₃ COOH)	max.0.001%(mass/mass)
Ethanol (C ₂ H ₅ OH)	max.0.05%(area/area)
Methanol (CH ₃ OH)	max.0.02%(area/area)
Carbonyl compounds (as CO)	max.0.001%(mass/mass)
Peroxides	to pass test
Substances darkened by sulfuric acid	to pass test

JIS K 8103:2024(*:Additional test performed by Wako but not required by JIS)