

SPECIFICATION

Ethyl Acetate

for Medicine Test

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay (CH ₃ COOC ₂ H ₅) (GC)	min.99.5%(area/area)
Appearance (color)	max.10 Hazen units
Density (20°C)	0.898~0.902g/mL
Refractive index 20°C	1.370~1.374
Water	max.0.1%(mass/mass)
Residue after evaporation	max.0.002%(mass/mass)
Acidity (as CH ₃ COOH)	max.0.005%(mass/mass)
Ethanol (C ₂ H ₅ OH) (GC)	max.0.1%(area/area)
Methanol (CH ₃ OH) (GC)	max.0.1%(area/area)
Methyl Acetate (CH ₃ COOCH ₃) (GC)	max.0.1%(area/area)
Substances darkened by sulfuric acid	to pass test
Assay (USP-NF)	minimum 99.5%
Color (APHA) (USP-NF)	maximum 10
Residue after evaporation (USP-NF)	maximum 0.003%
Water (H ₂ O) (USP-NF)	maximum 0.2%
Titration acid (USP-NF)	maximum 0.0009meq/g
Substances darkened by sulfuric acid (USP-NF)	to pass test
Sp. Gr.(20/20°C) (Ph.Eur.)	0.901~0.904

JIS K 8361:2022(*:Additional test performed by Wako but not required by JIS)(USP-NF)(Ph.Eur.)