

## SPECIFICATION

Ethyl Acetate  
for Medicine Test

REQUIREMENT	SPECIFICATION
* Description	Colorless clear liquid
Assay (CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub> ) (GC)	min.99.5%(mass/mass)
Appearance	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 <sub>3</sub> COOH)	max.0.005%(mass/mass)
Ethanol (C <sub>2</sub> H <sub>5</sub> OH) (GC)	max.0.1%(mass/mass)
Methanol (CH <sub>3</sub> OH) (GC)	max.0.1%(mass/mass)
Methyl Acetate (CH <sub>3</sub> COOCH <sub>3</sub> ) (GC)	max.0.1%(mass/mass)
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 <sub>2</sub> 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 8361:2007(\*:Additional test performed by Wako but not required by JIS)(USP-NF)(Ph.Eur.)