

## SPECIFICATION

Toluene  
for Medicine Test

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> ) (GC)	min.99.5%(mass/mass)
Density (20°C)	0.864~0.868g/ml
Refractive index 20°C	1.496~1.498
Water	max.0.03%(mass/mass)
Residue after evaporation	max.0.001%(mass/mass)
Acidity (as HCl)	max.0.001%(mass/mass)
Alkalinity (as NaOH)	max.0.001%(mass/mass)
Sulfur compounds (as S)	max.0.003%(mass/mass)
Thiophene	to pass test
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 0.001%
Substances darkened by sulfuric acid (USP-NF)	to pass test
Sulfur compounds (as S) (USP-NF)	maximum 0.003%
Water (H <sub>2</sub> O) (USP-NF)	maximum 0.03%
Sp. Gr.(20/20°C) (Ph.Eur.)	0.865~0.870

JIS K 8680-2006(\*:Additional test performed by Wako but not required by JIS)(USP-NF)(Ph. Eur. )