

SPECIFICATION

Sulfuric acid
for Medicine Test

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (H ₂ SO ₄)	min.95.0%(mass/mass)
Residue after ignition (as sulfate)	max.5ppm(mass/mass)
Chloride (Cl)	max.0.2ppm(mass/mass)
Nitrate	to pass test
Copper (Cu)	max.0.1 ppm(mass/mass)
Lead (Pb)	max.0.1 ppm(mass/mass)
Arsenic (As)	max.0.02ppm(mass/mass)
Selenium (Se)	max.0.5ppm(mass/mass)
Iron (Fe)	max.0.5ppm(mass/mass)
Ammonium (NH ₄)	max.1ppm(mass/mass)
Substances reducing permanganate	to pass test
Appearance (Ph.Eur.)	Clear and colourless
Oxidisable substances (Ph.Eur.)	to pass test
Chlorides (Ph.Eur.)	maximum 0.5ppm
Nitrates (Ph.Eur.)	maximum 0.5ppm
Ammonium (Ph.Eur.)	maximum 2ppm
Arsenic (Ph.Eur.)	maximum 0.02ppm
Iron (Ph.Eur.)	maximum 1ppm
Heavy metals (Ph.Eur.)	maximum 2ppm
Residue on ignition (Ph.Eur.)	maximum 0.001%
Assay (Ph.Eur.)	95.0~97.0%

JIS K 8951:2006(*:Additional test performed by Wako but not required by JIS)(Ph.Eur.)