

Code No.12-0005

SPECIFICATION

Lactic Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless ~ slightly yellow, clear liquid
Total lactic acid [as CH ₃ CH(OH)COOH]	85.0~92.0%(mass/mass)
Solubility in water	to pass test
Residue after ignition (as sulfate)	max.0.02%(mass/mass)
Chloride (Cl)	max.0.001%(mass/mass)
Sulfate (SO ₄)	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Aldehydes	to pass test
Cyanide (CN)	max.2ppm(mass/mass)
Substances darkened by sulfuric acid	to pass test

JIS K 8726:2014(*:Additional test performed by Wako but not required by JIS)