

SPECIFICATION

L-Lactic Acid

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless ~ slightly yellow, clear liquid
Solubility in water	to pass test
Solubility in diethyl ether	to pass test
Specific rotation [α]D20(add. ammonium molybdate)	-43.0~-49.0°
Residue after ignition (as sulfate)	max.0.02%
Chloride (Cl)	max.0.002%
Sulfate (SO ₄)	max.0.005%
Heavy metals (as Pb)	max.5ppm
Iron (Fe)	max.5ppm
Aldehydes	to pass test
Cyanide (CN)	max.2ppm
Sugars	to pass test
Substances darkened by sulfuric acid	to pass test
Total lactic acid [as CH ₃ CH(OH)COOH]	85.0~92.0%