

SPECIFICATION

L(+)-Lysine Monohydrochloride

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ powder or shot
Solubility in water	to pass test
Specific rotation [α]D20(c=8,HCl) (after drying)	+20.5~+21.5°
Loss on drying at 105°C	max.0.5%
Sulfate (SO4)	max.0.02%
Heavy metals (as Pb)	max.0.001%
Arsenic (As)	max.1ppm
Iron (Fe)	max.0.001%
Ammonium (NH4)	max.0.02%
Thin layer chromatography test	to pass test
Assay (after drying)	min.99.0%