

SPECIFICATION

L(+)-Arginine Hydrochloride

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation [α]D20(c=8,HCl)	+22.3~+23.0°
Loss on drying at 105°C	max.0.2%
Sulfate (SO4)	max.0.01%
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	min.99.0%