

SPECIFICATION

L(+)-Arginine

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ powder or granules
Solubility in hydrochloric acid	to pass test
Specific rotation [α]D ₂₀ (c=8,HCl)	+26.0~+27.9°
Loss on drying at 105°C	max.0.6%
Residue after ignition (as sulfate)	max.0.05%
Chloride (Cl)	max.0.02%
Sulfate (SO ₄)	max.0.03%
Copper (Cu)	max.0.001%
Lead (Pb)	max.0.001%
Arsenic (As)	max.1.5ppm
Iron (Fe)	max.0.003%
Ammonium (NH ₄)	max.0.02%
Thin layer chromatography test	to pass test
Assay	min.98.0%