

SPECIFICATION

Sodium Hydrogen L(+)-Glutamate Monohydrate

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White ~ nearly white, crystals
Solubility in water	to pass test
Specific rotation [α]D20(c=10,dil.HCl)	+24.6~+25.3°
pH of a 100g/l solution at 25°C	6.7~7.2
Chloride (Cl)	max.0.02%
Sulfate (SO ₄)	max.0.01%
Copper (Cu)	max.5ppm
Lead (Pb)	max.5ppm
Arsenic (As)	max.1ppm
Iron (Fe)	max.0.001%
Ammonium (NH ₄)	max.0.02%
Thin layer chromatography test	to pass test
Assay	98.0~102.0%