

SPECIFICATION

L-Tryptophan

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White ~ slightly brown, crystalline powder
Assay	min.99.0%
Solubility in hydrochloric acid	to pass test
Specific rotation [α]D20	-30.5~-32.5°
Loss on drying at 105°C	max.0.2%
Residue after ignition (as sulfate)	max.0.05%
Chloride (Cl)	max.0.01%
Sulfate (SO ₄)	max.0.02%
Heavy metals (as Pb)	max.0.001%
Arsenic (As)	max.1ppm
Iron (Fe)	max.0.001%
Ammonium (NH ₄)	max.0.02%
Foreign amino acids	to pass test

JIS K 8676-1995

*:Additional test performed by Wako but not required by JIS