SPECIFICATION

L-Tryptophan

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White \sim slightly brown, crystalline powder
Assay (C11H12N2O2)	min.99.0%(mass/mass)
Solubility in hydrochloric acid	to pass test
Specific rotation [α]D20	-30.5~-32.5°
Loss on drying at 105℃	max.0.2%(mass/mass)
Residue after ignition (as sulfate)	max.0.05%(mass/mass)
Chloride (CI)	max.0.01%(mass/mass)
Sulfate (SO4)	max.0.02%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH4)	max.0.02%(mass/mass)
Foreign amino acids	to pass test

JIS K 8676: 2023(*:Additional test performed by Wako but not required by JIS)

(1 / 1) revised on 2023/08/08