

SPECIFICATION

L-Tryptophan

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C ₁₁ H ₁₂ N ₂ O ₂) Solubility in hydrochloric acid Specific rotation [α] _{D20} Loss on drying at 105°C Residue after ignition (as sulfate) Chloride (Cl) Sulfate (SO ₄) Lead (Pb) Arsenic (As) Iron (Fe) Ammonium (NH ₄) Foreign amino acids	White ~ slightly brown, crystalline powder min.99.0%(mass/mass) to pass test -30.5~-32.5° max.0.2%(mass/mass) max.0.05%(mass/mass) max.0.01%(mass/mass) max.0.02%(mass/mass) max.0.001%(mass/mass) max.1ppm(mass/mass) max.0.001%(mass/mass) max.0.02%(mass/mass) to pass test

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