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SPECIFICATIONS

Product Name: L- Tyrosine **CAS NO.:** 60-18-4
Quality Standard: AJI92
Description: white crystals or crystalline powder,
tasteless, very slightly soluble in water
Solubility (H₂O, g/100g): 0.038 (20°), 0.075 (40°), 0.15 (60°)

Test Items	Limit
Identification	conform with AJI92
Specific rotation $[\alpha]_{D}^{20}$	-11.3 to -12.1°
State of solution	clear, not less than 95.0%
Chloride (Cl)	not more than 0.020%
Ammonium (NH ₄)	not more than 0.02%
Sulfate (SO ₄)	not more than 0.020%
Iron (Fe)	not more than 10ppm
Heavy metals (Pb)	not more than 10ppm
Arsenic (As ₂ O ₃)	not more than 1ppm
Other amino acids	conforms
Loss on drying	not more than 0.20%
Residue on ignition (sulfated)	not more than 0.10%
Assay	99.0% to 100.5%
pH	5.0 to 6.5

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 2 years