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SPECIFICATION SHEET

Product Name	L-Tyrosine
CAS No.	60- 18-4
Molecular Formula	C ₉ H ₁₁ NO ₃
Formula Weight	181. 189
Standard	USP42
Shelf Life	Three Years
Country Of Origin	China
Item	Specification
Description	White crystals or crystalline powder
Identification	As per usp
Assay	98.5% ~ 101.5%
Any individual impurity	≤ 0.5%
Total impurities	≤ 2.0%
Specific rotation $[\alpha]_D^{25}$	-9.8° ~ - 11.2°
Chlorides	≤ 400ppm
Sulfates	≤ 400ppm
Iron	≤ 30ppm
Lead	≤ 3 ppm
Cadmium	≤1 ppm
Mercury	≤ 0. 1ppm
Heavy metal(as Pb)	≤ 10ppm
Arsenic	≤ 1 ppm
Loss on drying	≤ 0.30%
Residue on ignition	≤ 0.40%
Bulk density	Only report
Tapped density	Only report
Mesh	Only report
Total plate count	≤ 1000cfu/g
Yeast& Mould	≤ 100cfu/g
Coliforms	In 25g g n.d.
Salmonella	In 25 g n.d.
<i>Staphylococcus aureus</i>	In 25 g n.d.
<i>Escherichia coli</i>	Negative
Packing & Storage	Packed in paper- drums with two PE bags inside N.W : 25KGS Store in a well-closed containers. Away from moisture.

Date : 2025.04.2

Stamp:

