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SPECIFICATION SHEET

Product Name	L-Tyrosine
Quantity	500KGS
CAS No.	60-18-4
Item	**Specification**
Appearance	White crystalline powder or colourless crystals
Assay	98.5%~101.5%
Identification	As per USP39
Specific rotation	-9.8° ~ -11.2°
Loss on drying	NMT 0.30%
Residue on ignition	NMT 0.40%
Chlorides	NMT 0.04%
Sulfates	NMT 0.04%
Mesh number	100% pass 20 mesh
Iron	NMT 0.003%
Heavy metal	NMT 0.0015%
Arsenic	NMT 1.5%
Lead	LT 3ppm
Mercury	LT 0.1ppm
Cadmium	LT 1ppm
Total Plate Count	NMT 100cfu/g
Yeast & Mould	NMT 10cfu/g
E.Coli	Negative
Coliforms	Negative/25g
Salmonella	Negative/25g
Staphylococcus aureus	Negative/25g
Conclusion	Conform to USP39 standard.
Packing & Storage	Packed in paper-drums. Store in a well-closed container away from moisture.
Shelf life	Three years if store under the conditions above and stay in original packing.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____
Abdullah Malik (QA)