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SPECIFICATION SHEET

L-Tyrosine

Item Code: 307

Country of Origin: China

Updated: September 2012

CAS #: 60-18-4

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Appearance	White crystalline powder	Visual
Identification	To meet USP33 requirements	USP33
Specific Rotation	-9.8° to -11.2°	USP33
Loss on drying	≤0.3%	USP33
Residue on Ignition	≤0.4%	USP33
Chloride	≤0.04%	USP33
Sulfate	≤0.04%	USP33
Iron (Fe)	≤30 ppm	USP33
Heavy Metals	≤10 ppm	USP33
Lead (Pb)	≤3 ppm	/
Assay	98.5% – 101.5%	USP33
Chromatographic Purity	To meet USP33 requirements	
Residual Solvents	To meet USP33 requirements	USP33
Microbiology:		
Total aerobic plate count	≤1,000 cfu/g	CP
Yeast & Mold	≤100 cfu/g	CP
E. coli	Negative	CP
Salmonella	Negative	CP
Coliforms	Negative	CP
Conclusion	Conforms to USP33 standards	
Storage:	Preserve in well-closed containers	
Shelf Life:	2 years	
Packing:	In drums of 25 kgs	

- Kosher certified
- Halal certified



Gayathri Vasudevan

Manager, Quality Assurance & Regulatory