

Product: L-Tyrosine, Disodium Salt, Dihydrate (Non-Animal Origin)
Catalog Number: 87060

Formula: $C_9H_9NO_3Na_2 \cdot 2H_2O$
Formula Weight: 261.19
CAS Number: 122666-87-9

SPECIFICATION

<u>Test</u>	<u>Specification</u>
Assay (by titration)	98.0% to 102.0%
Appearance	off-white to light tan powder
Identification (by IR)	matches reference spectrum
Color (APHA; 1.0% solution in H ₂ O)	LT 200
pH (1% solution in H ₂ O, 25°C)	10.5 to 11.5
Solubility (10% solution in H ₂ O)	clear and complete
Specific Rotation (@ 20°C, calculated as free amino acid, C=4, H ₂ O)	-12.6° to -14.4°
Moisture (by Karl Fischer)	12.0% to 16.0%
Heavy Metals (as Pb)	NMT 15 ppm

Additional Information

Manufacturer Name	United Biochemicals
Manufacturing Site	6351 Inducon Drive East, Sanborn, New York 14132
Manufactured Date	
Re-Evaluation Date	
Material is of non-animal, non-human origin	
Storage Conditions	15°C to 30°C