

PRODUCT IDENTITY

PRODUCT NAME	3-Nitro-L-tyrosine	PRODUCT NUMBER	N111009
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	621-44-3	FORMULA	C ₉ H ₁₀ N ₂ O ₅
FORMULA WEIGHT	226.19g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC)	98-100 (%)
Carbon by Elemental Analysis	46.6-49 (%)
Specific Rotation [α] ₂₀ /D(c=1 in 1mol/L HCl)	2-4 (°)
Nitrogen by Elemental Analysis	12-12.8 (%)
Appearance (N111009Color)	White to Amber
Appearance (N111009Form)	Powder to crystal
Infrared spectrum	Conforms to Structure
Solubility in 1 N HCl , 50mg/ml	Clear yellow to yellow green solution