

PRODUCT IDENTITY

PRODUCT NAME	L-dopa	PRODUCT NUMBER	D111048
Grades & Purity	Moligand™, ≥99%	VERSION	3
CAS NUMBER	59-92-7	FORMULA	C ₉ H ₁₁ NO ₄
FORMULA WEIGHT	197.19g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Carbon by Elemental Analysis	53.7-55.9 (%)
Purity(HPLC)	99-100 (%)
Specific Rotation [α] ₂₀ /D(c=5 in 1mol/L HCl)	-13--11 (°)
Nitrogen by Elemental Analysis	6.5-7.6 (%)
Appearance (D111048)	White to Off-White Powder
Infrared spectrum	Conforms to Structure
Solubility in 0.5 M HCl , Colorless to Light Yellow Clear to Hazy(50mg/ml)	pass
Solubility in 1 M HCl	Almost transparency