

PRODUCT IDENTITY

PRODUCT NAME	Poly-(L-lysine)	PRODUCT NUMBER	P303210
Grades & Purity	≥95%	VERSION	3
CAS NUMBER	28211-04-3	FORMULA	[C ₆ H ₁₂ N ₂ O] _n (n=25-35)
FORMULA WEIGHT	g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Proton NMR spectrum	Conforms to Structure
Purity(with Total Nitrogen)	95-102.5 (%)
Appearance (P303210)	White to cream powder
Assay(dry basis)	97-100 (%)
Loss on drying	0-5 (%)
Ignition Residue	0-2 (%)
Lead(Pb)	0-1 (ppm)
(As)Arsenic	0-0.5 (ppm)