



epsilon-Poly-L-lysine

<http://www.wilshiretechnologies.com/Structures/28211-04-3.png>

Product Code: 28211043

CAS No.: 28211-04-3

Grade: non-GMP

Synonym(s): ε-Poly(L-lysine) Hydrochloride; EPL; Poly(L-lysine) Hydrochloride; Lysine Homopolymer Hydrochloride

Mol. Formula: (C6H12N2O)_n

Mol. Wt.: 2.5-3.8 KDa

Source: Bacterial

Lot No.:

Grouping

Analytical Test

Specification

Appearance	Milk-white powder
Purity (area%)	(hplc,) > 98%
LOD	< 8%
Ash (residue on ignition)	< 2%
pH	(1% aqueous solution) 4-6
Chloride (Cl)	(titration) < 25%
Heavy metals	
-Pb	(Colorimetric) < 2 ppm
-As	(Colorimetric) < 1 ppm
Microbiological Specifications	
Total Aerobic (CFU/g)	10 CFU/g
Mold and Yeast (CFU/g)	30 CFU/g
Endotoxin Level	1 EU/mg
Manufacturing and Regulatory Data	
Date of Manufacture	
Retest Date	2 Years