



M/s. Bimal Pharma Pvt. Ltd., Mumbai, India
(ISO 9001 : 2015 & AEO T1 Certified)



01/02

URS : UKAS
Cert. No. : 110661/A/0001/UK/En

M/S. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : e - POLYLYSINE
MSDS No. : BPPL 155 (Available on Request)	SPECIFICATION No. : FP- 155 (Enclosed)

- 1. NOMENCLATURE** : Epsilon Poly L-Lysine
- 2. CAS NO.** : 28211-04-3
- 3. EMPIRICAL FORMULA** : $C_{6n}H_{14n-2(n-1)}N_{2n}O_{2n-(n-1)}$ (n=25-35)
: $(C_6S_{12}N_2O)_n$
- 4. HS CODE NO. (ITC CODE)** : 294190
- 5. MOL . WT.** : 3200 to 4500
- 6. MELTING POINT** : 172.8°C
- 7. DESCRIPTION** : Milky Yellow to White Powder
: Soluble in Water
- 8. PACKING** : 250 gms. / 500 gms. Plastic Bottle
: 1000 gms. (1.0 Kg) Plastic Bottle
: 10 Bottles / 20 Bottles / Case
: As per customer's requirement.
- 9. STORAGE** : Store in cool (0-20°C), and dry
conditions.
: Keep away from direct sunlight in
original unopened packs.
- 10. SHELF LIFE** : 2 Years

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1. DESCRIPTION	:	Milky Yellow to White Powder
2. SOLUBILITY	:	Soluble in Water
3. MOISTURE CONTENT	:	NMT 5.0%
4. pH (1% Aqueous solution)	:	4.0 to 6.5
5. PURITY	:	More than 98% (Generally, 99%)
6. ARSENIC (As)	:	NMT 1 ppm
7. HEAVY METALS (Pb)	:	NMT 3 ppm
8. ASH	:	NMT 3.0% (Generally, less than 1.0%)
9. MICROBIAL LIMIT TEST		
Total Plate Count	:	NMT 10 cfu/gms.
Coliform Bacteria	:	NMT 30 / 100 gms.
E. Coli	:	Absent
Salmonella	:	Absent (CFU/ 25 gms.)