

TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : POLYLYSINE (FOOD GRADE)

Shelf Life : 2 Years

RESULT OF ANALYSIS

SR. NO.	TESTS	SPECIFICATIONS (As per Food grade)	OBSERVATIONS
1.	Description	Milky Yellow to White Powder.	Confirms
2.	Content of Polylysine	More than 95%	99.05%
3.	pH (1% Aqueous solution)	4.0 to 6.5	4.3
4.	Moisture (Loss on Drying)	NMT 20.0%	3.85%
5.	Heavy Metal (Lead)	NMT 4 ppm	0.6 ppm
6.	Heavy Metal (Arsenic)	NMT 4 ppm	1.32 ppm
7.	Ash (Residue on Ignition)	NMT 5.5%	0.42%
8.	Total Plate count (cfu/gm)	NMT 10	Less than 1
9.	Coliform Bacteria (MPN / 100 gms)	NMT 30	Absent
10.	Salmonella (per 25 gms.)	Absent	Absent