

CERTIFICATE OF ANALYSIS

Product Name	Sodium DNA	Batch No.	JLPDRN20251219
Grade	Pharmaceutical Grade	MF Date	DEC.19,2025
Packing	100g/bag	Analysis Date	DEC.20,2025
Brand	UNILONG	Expiry Date	DEC.18,2027
ITEM	STANDARD	RESULT	
Appearance	White or off-white powder or fibre polymer、particle	White powder	
Solubility	Slightly soluble in water	Complies	
Identification	Max.absorption 258nm~262nm,ratio of absorbance at 260nm and 280nm1.8~2.0	Complies	
pH	5.0~9.0	5.4	
Average Molecular Weight	≤1000kD	<1000kD	
Protein	NMT 1.0%	1.0%	
Loss on Drying	NMT 15.0%	2.5%	
Heavy Metals	NMT 20ppm	Complies	
Bacterial Endotoxins	Less than 0.5EU/mg	Complies	
Total aerobic microbial count	NMT 100cfu/g	Complies	
Total molds and yeast count	NMT 100cfu/g	Complies	
Staphylococcus aureus	Negative	Complies	
Pseudomonas aeruginosa	Negative	Complies	
Escherichia coli	Negative	Complies	
ASSAY	NLT95.0%	100.7%	
Conclusion	Qualified		

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