

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Sodium DNA	<b>Batch No.</b>	JLPN20250512
<b>Grade</b>	Pharmaceutical Grade	<b>MF Date</b>	MAY.12,2025
<b>Packing</b>	100g/bag	<b>Analysis Date</b>	MAY.12,2025
<b>Brand</b>	UNILONG	<b>Expiry Date</b>	MAY.11,2027
<b>ITEM</b>	<b>STANDARD</b>	<b>RESULT</b>	
<b>Appearance</b>	White or off-white powder or fibrous solid	White powder	
<b>Solubility</b>	Slightly soluble in water	Complies	
<b>Identification</b>	UV:Ratio of absorbance at 260 and 280nm 1.5-2.0	1.7	
<b>pH</b>	5.0-9.0	7.2	
<b>Average Molecular Weight</b>	≥1000kD	>1000kD	
<b>Protein content</b>	<1.0%	0.6%	
<b>Loss on Drying</b>	≤20.0%	8.2%	
<b>Heavy metal</b>	≤10ug/g	Complies	
<b>Transmittance</b>	≥96.0%	99.5%	
<b>Ethanol Residue</b>	<0.5%	<0.5%	
<b>Bacterial endotoxin</b>	<0.5EU/mg	<0.5EU/mg	
<b>Total aerobic microbial count</b>	NMT 100cfu/g	Complies	
<b>Total molds and yeast count</b>	NMT 100cfu/g	Complies	
<b>Staphylococcus aureus</b>	Negative	Complies	
<b>Pseudomonas aeruginosa</b>	Negative	Complies	
<b>Escherichia coli</b>	Negative	Complies	
<b>ASSAY</b>	≥95.0%	101.1%	
<b>Conclusion</b>	<b>Qualified</b>		

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