

CERTIFICATE OF ANALYSIS

Product Name:	Sodium DNA	INCI Name:	SODIUM DNA
Batch No.:	ZYDNA20260603	Manufacture Date:	06.03.2026
Quantity:	1.5kgs	Expired Date:	06.02.2028

Analysis Items	Specification	Result
Assay,UV(%)	NLT 95.0	104.1
Identification IR	Max absorption 258nm~262nm, ratio of absorbance at 260nm and 280nm 1.8-2.0	Max. absorption 259nm, ratio of absorbance at 260nm and 280nm 1.9
Appearance	White or off-white powder or fibre polymer	White powder
Solubility	Slightly soluble in water, insoluble in ethanol	Complies
PH	5.0-9.0	8.1
Solution appearance	Clear, $A_{600nm} < 0.01$	Complies
Average Molecular Weight	<1000kD	48kD
Protein,(%)	≤ 1.0	0.7
Hyperchromicity,(%)	NLT 30.0	50.1
Loss on drying,(%)	≤ 15	6.8
Heavy Metals,(mg/kg)	<20	Complies
Total Plate Count,(cfu/g)	<500	Complies
Yeast & Mold,(cfu/g)	<100	Complies

Conclusion: Comply with Sodium DNA Specification and Standard Operating Procedure for Testing

Storage: Store in a well-closed container away from moisture, direct light and heat.

Inspector: Liuqiang

Reexamining: Zhangguangchao

Verification: Miaoyu