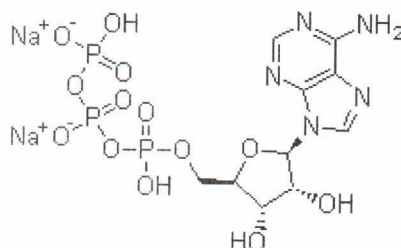


Batch no 601250102
Mf date Jan 10 2025
Expiry Dec 2026
Batch size 253.12 kg

Molecular Structure



Molecular Formula $C_{10}H_{14}N_5Na_2O_{13}P_3$
Molecular Weight 551.15
CAS Registry Number 987-65-5

Jul 18 2025

Tests	Specifications	Results
Appearance	White or off-white powder or crystals	Conforms
Identification	Have the largest absorption at $\lambda=257\pm 2$ nm $A_{250}/A_{260}=0.79 \sim 0.89$ $A_{280}/A_{260}=0.17 \sim 0.27$ Sodium flame reaction	257 nm 0.84 0.21 Positive
pH	2.5 ~ 3.5	3.1
Clarity and color of solution	Clear & colorless	Conforms
Water content	6.0 ~ 12.0%	8.2%
Chloride	$\leq 0.05\%$	$< 0.05\%$
Iron salt	$\leq 0.001\%$	$< 0.001\%$
Heavy metals	$\leq 0.001\%$	$< 0.001\%$
Bacterial endotoxins	< 1.25 EU/mg	< 1.25 EU/mg
Purity (HPLC)	$\geq 98.0\%$	99.5%
Assay (odb)	$\geq 95.0\%$	98.5%

Packaging & storage	Preserve in tight containers, store below 20°C
Conclusion	Material complies with in-house standard