

**CERTIFICATE OF ANALYSIS**

Product Name	Cytidine 5'-monophosphate	Batch No.	JL20250516
CAS	63-37-6	MF Date	MAY.16,2025
Packing	25kg/drum	Analysis Date	MAY.16,2025
Quantity	3000kg	Expiry Date	MAY.15,2027
ITEM	STANDARD		RESULT
Appearance	White to off-white crystallie powder,odorless		Complies
Identification	UVabsorbance ratio A250/A260 0.41~0.49		0.45
	UV absorbance ratio A280/A260 2.03-2.17		2.09
pH	2.0~3.5		2.86
Loss on drying	≤ 2.5%		0.81%
Light transmittance	≥ 97.0%		99.85%
Assay (Calculated on dried basis, UV)	≥ 98.0%		99.33%
Assay(HPLC)	≥ 98.0%		98.66%
As	≤ 2ppm		Complies
Pb	≤ 3ppm		Complies
Hg	≤ 0.1ppm		Complies
Cd	≤ 1ppm		Complies

Total plate Count	$\leq 1000\text{cfu/g}$	Complies
Yeast and mold	$\leq 100\text{cfu/g}$	Complies
E-Coli	Negative	N.D
Salmonella	Negative	N.D
Conclusion	Qualified	

Analyst: *Wen Qian*

Quality Assurance Officer: *Zhan Peng*

