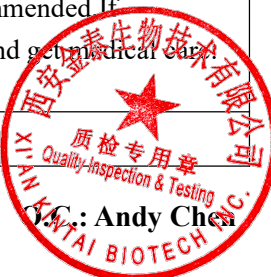


Certificate of Analysis

Product Name	Citicoline Powder	CAS No.	987-78-0
Lot No.	KT-20251107	Batch Quantity	500kg
Mfg Date	2025/11/07	Report Date	2026/1/16
Expiring Date	2027/11/06	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

ITEMS	SPECIFICATION	TEST RESULTS
Appearance	White crystalline powder	Conforms
pH	2.5-3.5	3.12
Clarity and color	Colorless and Clear	Conforms
Ammonium salt	≤500ppm	Conforms
Loss on drying	≤5.0%	3.7%
Chloride	≤170ppm	Conforms
Sulfate	≤200ppm	Conforms
Iron salt	≤10 ppm	<10ppm
Arsenic salt	≤0.0001 ppm	Conforms
Residual solvents		
Limit of methanols	≤0.3%	Conforms
Limit of ethanols	≤0.5%	Conforms
Limit of acetones	≤0.5%	Conforms
Free phosphoric acids	≤0.1%	Conforms
5'-CMP	≤ 1.0%	Conforms
Assay (HPLC)	≥98%	101.83%
Total Plate Count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
E.Coli.	Negative/10g	Conforms
Salmonella specifies	Negative/25g	Conforms
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place.		
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended. If accidentally instilled into the eyes, immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.		
Conclusion	Confirm to Specification and QB Standards.	

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