



Certificate of Analysis

Product Name	Citicoline Sodium	Manufacture Date	Jul.04.2023
Batch Number	SW230704	Analysis Date	Jul.05.2023
Batch Quantity	200kg	Expiry Date	Jul.04.2025

ANALYSIS	SPECIFICATION	RESULT
Appearance	White Crystalline Powder	Conforms
Assay	≥98%	98.8%
Solubility	Easily soluble in water, insoluble in ethanol	Conforms
PH	6.0-7.5	6.9
Solution clarity and color	Solution should be clear and colorless	Conforms
Related substances	5'CMP 0.3% Simple impurity Total other impurity	0.01% 0.03% 0.10%
Chloride	0.05%	Conforms
Ammonium	0.05%	Conforms
Fe	0.01%	Conforms
Phosphate	0.1%	Conforms
Loss on Drying	≤6.0%	1.3%
Heavy Metals	0.002%	Conforms
As	0.0001%	Conforms
Bacterial Endotoxins	0.3EU/mg	Conforms
Microbial Limit	Conforms	Conforms
Conclusion	This product conforms to international standards	

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer:李强

Corrector:佟丽华

Analyst:方琼

