



# Hangzhou Huarong Pharm Co., Limited

No. 5 Yongfuqiao Road, Gongshu District, Hangzhou, Zhejiang Province, China.

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## CERTIFICATE OF ANALYSIS

<b>Hangzhou Huarong Pharm Co., Limited</b>	CAS	:33818-15-4
	Batch No.	:230801
	Quantity	:750Kg
	Date of Manufacture	:2023-08-08
	Expiry Date	:2026-08-07
	Sampling Date	:2023-08-20
	Report Date	:2023-08-22
Certificate of Analysis No.:	: CDP-C 20230820	
Product name	: Citicoline Sodium	
Grade	: Pharmaceutical grade	
Storage	: Airtight and Room temperature	
Labeling	: As stated	
Analysis Standard	: USP43	
<b>ANALYTICAL CONTROL TESTS APPLIED</b>		
<b>Test items</b>	<b>Requirements</b>	<b>Results</b>
Identification	1) The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay. 2)IR: consistent with the spectrum obtained with reference Substance.	1) Complied  2) Complied
Chloride	N.M.T. 0.015%	Complied
Sulfate	N.M.T. 0.020%	Complied
Related Compounds		
5'-Cytidylic acid	N.M.T. 0.2%	0.018%
Cytidine-5'-monophosphate methylester	N.M.T. 0.15%	0.001%
Any unspecified impurity	N.M.T. 0.1%	0.003%
Total impurities	N.M.T. 0.7%	0.023%
Water Determination	N.M.T. 5.0%	1.2%
Assay	N.L.T. 98.0% and N.M.T. 102.0%	99.3%
Conclusion : Complies with USP43.		

