



CERTIFICATE OF ANALYSIS

Product Name	Cytidine-5'-Monophosphate Disodium Salt (CMP-Na ₂)		
CAS NO.:	6757-06-8		
Batch No.	171208	Quantity	200kgs
Date of Manufacture	Dec.08,2017	Date of Expire	Dec.07,2019
According to	Enterprise Standard		

Items	Specification	Results
Appearance	White crystalline power	Conforms
Purity(HPLC)	≥98.0%	98.9%
pH	8.0~9.5	8.6
Clarity and color of solution	Should be clear and colorless	Conforms
Water content	≤26.0%	24.1%
UV Ratio	A250/A260	0.40-0.52
	A280/A260	1.85-2.20
Heavy metals	≤10ppm	Conforms
Arsenic	≤0.00015%	Conforms
Lead	≤2ppm	Conforms
Colony Forming Units	≤300CFU/g	10CFU/g
Assay(on dry basis)	97.0%~102.0%	100.1%

Conclusion: Conforms to above standard.

Storage: Keep away from strong light and heat.

Shelf life: 2 years when properly stored.

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