

Certificate of Analysis

Product Information			
Product Name	CDP Choline (Citicoline)	Report Number	CDL20220551
CAS No.	987-78-0	Manufacture Date	2022/05/26
Batch Number	CDL220526	Expiry Date	2024/05/25
Test Items	Test Standard	Test Result	
Appearance	White Crystalline Powder	Conforms	
Assay	≥98%	99.49%	
Identification A	Chemical reaction	Conforms	
Identification B	The retention time of a major peak meets the requirements.	Positive reaction	
Identification C	IR: consistent with the spectrum obtained with reference substance.	Complied	
pH	2.5~3.5	3.21	
Clarity and color of solution	Should be clear and colorless	Complied	
Ammonium	≤0.05%	<0.05%	
Heavy metals	≤10ppm	<10ppm	
Arsenic	≤2ppm	<2ppm	
Free phosphoric acids	≤0.1%	<0.1%	
5'-CMP	≤1.0%	0.1%	
Loss on drying	≤5.0%	2.86%	
Total Aerobic Count	≤1000cfu/g	85cfu/g	
Yeast & Moulds	≤100cfu/g	10cfu/g	
E-Coli	Negative	Conforms	
Salmonella	Negative	Conforms	
Staphylococcus Aureus	Negative	Conforms	
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Tested by: 张丽娜

Checker: 李明

Approved:

