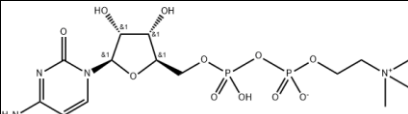


产品检测报告单

Certificate of Analysis

品名	胞磷胆碱		
Product Name	Citicoline		
CAS No:	987-78-0		
分子式 Formula	C14H26N4O11P2	分子量 Formula weight	488.32
生产日期 Production Date	2026-05-30	批号 Batch No.	PGCDP-260530
检测日期 Test Date	2026-06-06	包装规格 Pack Size	25kg/drum
有效期 Expiry Date	2 Years	检测依据 Specification	企标 In-house
检测项目及结果			
Test Items & Result			
检测项目 Test Items	规定 Specification		检测结果 Result
外观 Appearance	白色结晶性粉末 white crystal powder		Complies
鉴别 Identification	1) 溶液应呈正反应 The solution should be positive 2) 在含量测定项下记录的色谱图中, 供试品溶液主峰的保留时间应与对照品溶液主峰的保留时间一致 Retention time of major peak in the chromatogram of sample preparation should correspond to that of standard as obtained in assay by HPLC test 3) 红外吸收光谱图应与对照的图谱一致 The infrared absorption spectrum is concordant with the reference spectrum		Complies
溶液澄清度与颜色 Solution Clarity and Color	澄清无色 Clarifying, color less		Complies
纯度 Purity	≥98%		99.9%
含量 Assay	98.0%~102%		99.72%
干燥失重 loss on dry	≤4.0%		2.331%
pH 值	2.5-3.5		3.08
有关物质 related substances	1) 5'-胞苷酸 5'-CMP≤1.0%		0.08%
	2) 其他单个杂质 Other Individual Impurity≤0.2%		0.049%
	3) 其他杂质总和 Total of Other Impurities≤0.7%		0.049%
氯化物 chloride	≤0.05%		Complies
铁盐 iron	≤0.01%		Complies
铵盐 Ammonium	≤0.05%		Complies
游离磷酸盐 free phosphate	≤0.1%		Complies
重金属含量 heavy metal content	≤10 ppm		Complies
细菌内毒素 Bacterial Endotoxin	≤0.3EU/mg		Complies
重金属 Heavy Metals	≤10ppm		Complies
总菌落数 Total Plate Count	≤1000CFU/g		Complies
酵母菌和霉菌 Yeast & Mold	≤100CFU/g		Complies
大肠杆菌 E.Coli	Negative/10g		N.D
堆积密度 Bulk density	≥0.4g/ml		Complies
结论	所有检验项目均符合规定		
Conclusion	All inspection items are in conformity with the specifications.		
储存条件	密封包装, 阴凉干燥避光储存		
Storage Condition	Sealed packaging, stored at cool, dry and away from light		

Compiled by: 周勇

Approved by: 周勇