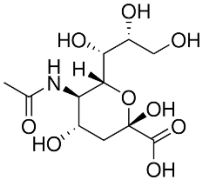


产品检测报告单

Certificate of Analysis

品名 Product Name	N-乙酰神经氨酸（唾液酸） Sialic Acid, SA		
CAS No:	131-48-6		
分子式 Formula	C11H19NO9	分子量 Formula weight	309.27
生产日期 Production Date	2026-03-08	批号 Batch No.	PGSA-260308
检测日期 Test Date	2026-03-09	包装规格 Pack Size	25kg/carton
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	白色结晶性粉末 White crystalline powder	
鉴别 Identification	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	
蛋白残留 Protein Residue	溶液清澈，无沉淀，分光光度法 < 0.01% Solution clear, no precipitation, spectrophotometry	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%	99.883%	
含量 Assay	98.0%~102%	100.44%	
旋光度 Specific Rotation	-34° ~ -30°	-32.654°	
透光率 Light Transmittance	≥99.0%	100.0%	
干燥失重 loss on dry	≤1.0%	0.25%	
pH 值	1.8 ~ 2.3	2.19	
水分 water	≤0.5%	0.20%	
灰分 ash	≤1.0%	0.65%	
乙醇残留 Ethanol Residue	≤0.5%	0.002%	
重金属含量 heavy metal content	≤10 ppm	Complies	
铁盐 iron	≤5ppm	Complies	
铅 Pb	≤0.1ppm	Complies	
汞 Hg	≤0.2ppm	Complies	
镉 Cd	≤0.3ppm	Complies	
砷 As	≤0.3ppm	Complies	
菌落总数 Total Plate Count	≤1000CFU/g	Complies	
酵母菌和霉菌数 Yeast and Mold	≤100CFU/g	Complies	

大肠菌群数 Coliforms	不得检出 Not Detected	Complies
金黄色葡萄球菌 Staphylococcus aureus	不得检出 Not Detected	Complies
沙门氏菌数 Salmonella	不得检出 Not Detected	Complies
李斯特菌 Listeria	不得检出 Not Detected	Complies
克罗诺杆菌 Cronobacter	不得检出 Not Detected	Complies
结论 Conclusion	所有检验项目均符合规定 All inspection items are in conformity with the specifications.	
储存条件 Storage Condition	密封，干燥，避免阳光直射，短期常温存放，长期存放至 -15℃~-20℃。Sealed, dry, protected from light. RT for short term; -15℃~-20℃ for long term.	

Compiled by: 周勇
Date:

Approved by: 王红
Date:

