

质检单
 Certificate of Analysis

产品名称 Product Name	2-脱氧-D-核糖 2-Deoxy-D-ribose		
批号 Batch No.:	20220316001	数量 Quantity	100KG
生产日期 Manufacturing Date	2022.03.16	检验日期 Analysis Date	2022.03.20
分子式 Molecular Formula	C5H10O4	分子量 Molecular Weight	134.130
检验标准 Inspection Standards	企业标准 Enterprise Standard	CAS#	533-67-5
检验项目 Items	质量标准 Specifications		检验结果 Results
外观 Appearance	白色或类白色结晶性粉末 White or off-white crystalline powder		白色结晶性粉末 White crystalline powder
比旋度 Specific Rotation	-54.0° ~ -59.0°		-55.1°
液相鉴别 HPLC identification	在含量测定项下，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 Under the content determination item, the retention time of the main peak of the test solution should be consistent with the retention time of the main peak of the reference solution.		合格 Complies
水分 Moisture	≤1.0%		0.8%
炽灼残渣 Residue on Ignition	≤1.0%		0.3%
重金属 Heavy Metal	≤10 ppm		合格 Complies



有关物质 Relative substance	最大单杂 Maximum single Impurity	≤1.0%	0.1%
	总杂 Total Impurities	≤1.5%	0.3%
主含量 Assay (%)		按无水物计算, 含 C ₅ H ₁₀ O ₄ 98.0%-102.0% Calculated as anhydrous, containing C ₅ H ₁₀ O ₄ 98.0%-102.0%	99.3%
贮藏 Storage		阴凉干燥处保存, 避免阳光直射。 Store in a cool and dry place, avoid directly sunlight.	
结论: 合格 Conclusion: Complies			

检验人: 何正前

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复核人: 陈桂

Checker: Chengui

