



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product	D-Galactose	Batch No.	JL20231214	Packing size	25KG
Batch Qty	19000KG	CAS	59-23-4	Inspection basis	Q/CZHG 0003S-2021
Date of manufacture	2023/12/14	Test date	2023/12/14	Exp.Date	2026/12/13
Storage Condition		Stored in a clean, cool, dry area, keep away from strong, direct light			
Item No.	Item	Internal control index		Test result	Item conclusion
1	Appearance	White or almost white powder, no odor, freely soluble in water, no observable impurities in normal eyesight		Correspond	Qualified
2	D-Galactose Content/%	≥ 99.0		99.184	Qualified
3	Loss on drying/%	≤ 1.0		0.03	Qualified
4	Residue on ignition/%	≤ 0.1		0.04	Qualified
5	Specific rotation/O	+78.0~+81.5		+79.127	Qualified
6	Identification	The RF of the principal spot of the sample solution corresponds to that of Standard solution		Correspond	Qualified
7	Chloride(Count in Cl-)/%	≤ 0.005		Correspond	Qualified
8	Appearance of solution	Solution clarification		Correspond	Qualified
9	Barium (mg/kg)	Any opalescence in the sample solution is not more intense than that in the standard solution		Correspond	Qualified
10	Pb (mg/kg)	≤ 0.5		Correspond	Qualified

11	Acidity/ml	Consumption of 0.01mol/l sodium hydroxide is not more than 1.5 ml	0.7	Qualified
12	Total Bacteria Count (CFU/g)	≤1000	Negative	Qualified
Test Conclusion		Qualified		

Analyst: *Wen Qian*

Quality Assurance Officer: *Zhan Peng*

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