



# Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone, Jinan City, Shandong Province, China  
Contact: +86-13356670564 Website: [www.unilongindustry.com](http://www.unilongindustry.com)

## CERTIFICATE OF ANALYSIS

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